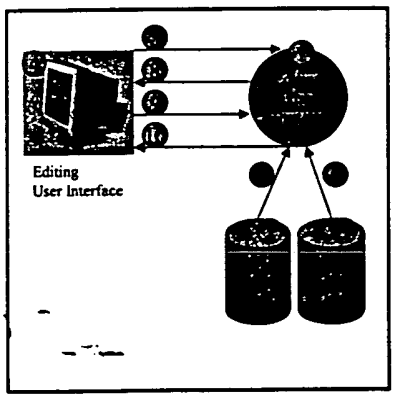

1. Editing Expert System
2. Meta Model Data
3. Edit-Time Data
4. Editing User Interface
5. User begins edit session and Requests Load of Edit-Time Data in User Interface.
6. Editing Expert System loads Edit-Time Data.
7. Editing Expert System loads Meta Model Data specified in Edit-Time Data.
8. Editing Expert System causes Edit-Time Data to be displayed to user.
9. User Begins Edit Action in Editing User Interface. Edit Action Descriptors sent to Editing Expert System.
10. Editing Expert System validates Edit Action, Returns Status Code and Support Message. Editing User Interface displays status information to user

Figure 1: User Interaction Overview

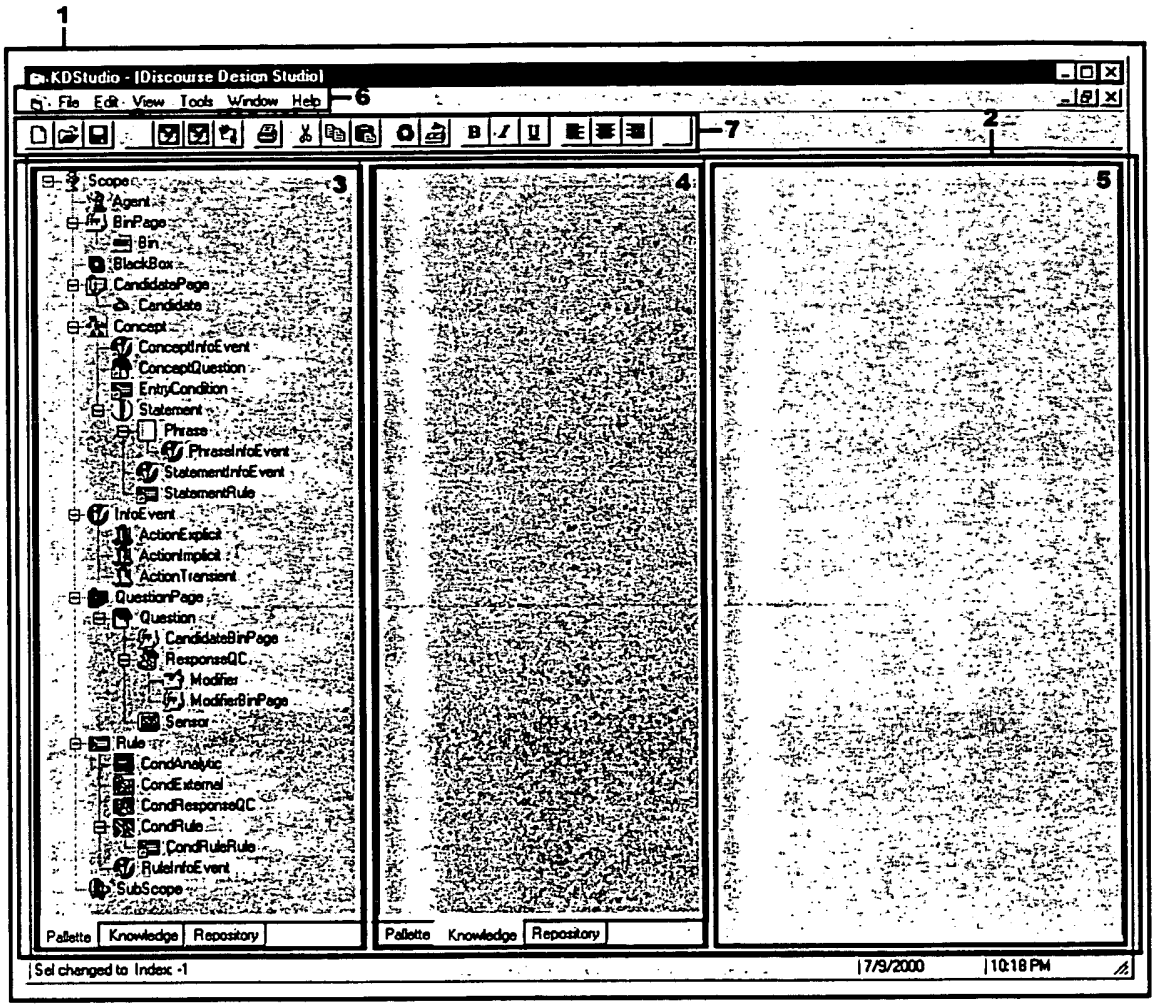

Figure 2: In accordance with a preferred embodiment, a screenshot of a Universal Data Editing, Testing, and Management Environment showing a dynamically loaded Viewer and Controller for a Universal Data Editor Component. In this specimen, the left pane shows a data formation representing an exemplary set of meta model data representing an edit time model. No edit time data is loaded or displayed.

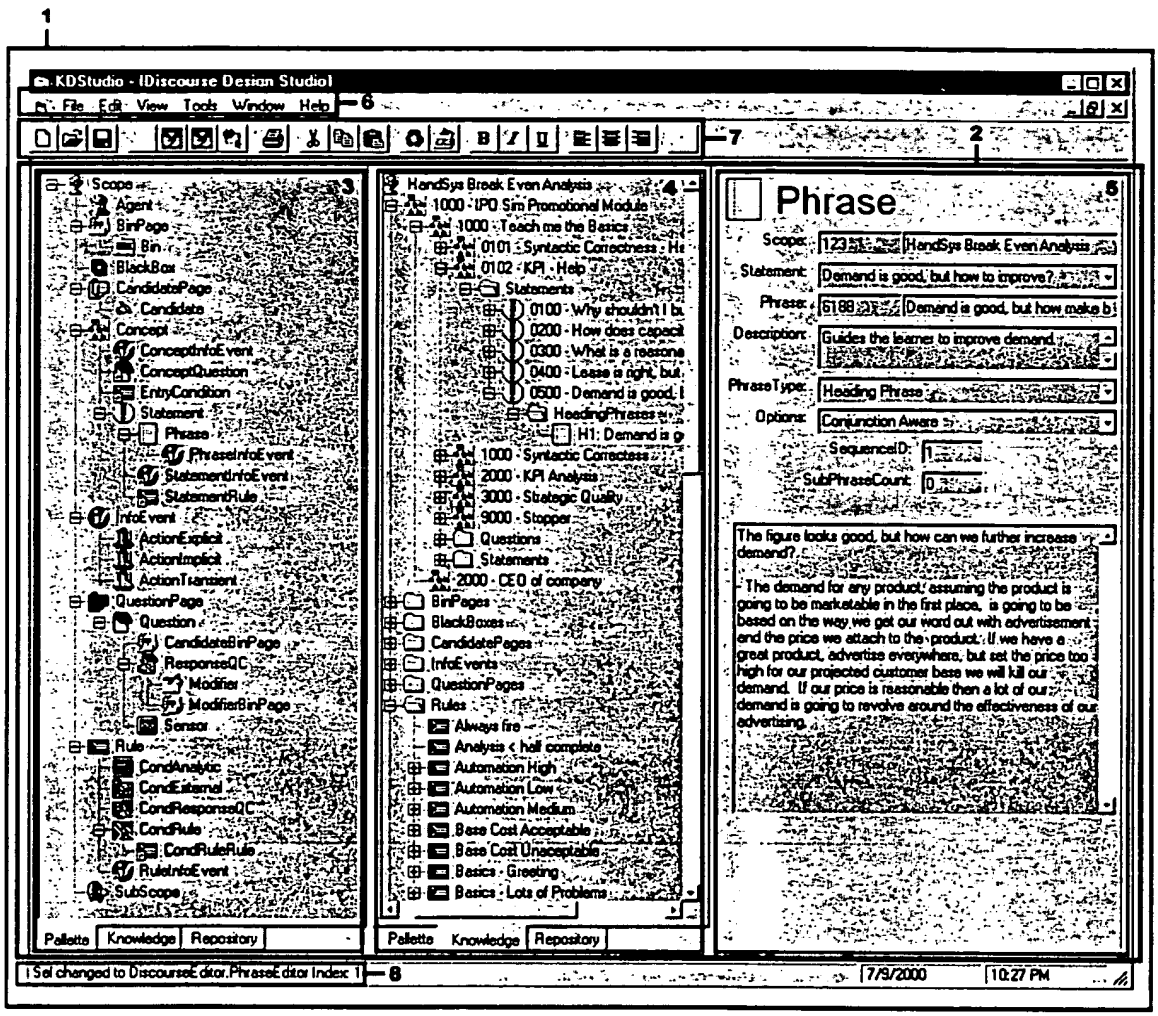

Figure 3: In accordance with a preferred embodiment, a screenshot of a Universal Data Editing, Testing, and Management Environment showing a dynamically loaded Viewer and Controller for a Universal Data Editor Component. In this specimen, the left pane shows a data formation representing an exemplary set of meta model data representing an edit time model. The middle pane shows a data formation representing an exemplary set of edit time data. The right pane shows a dynamically loaded detail editor form displaying the member value information of the selected element.

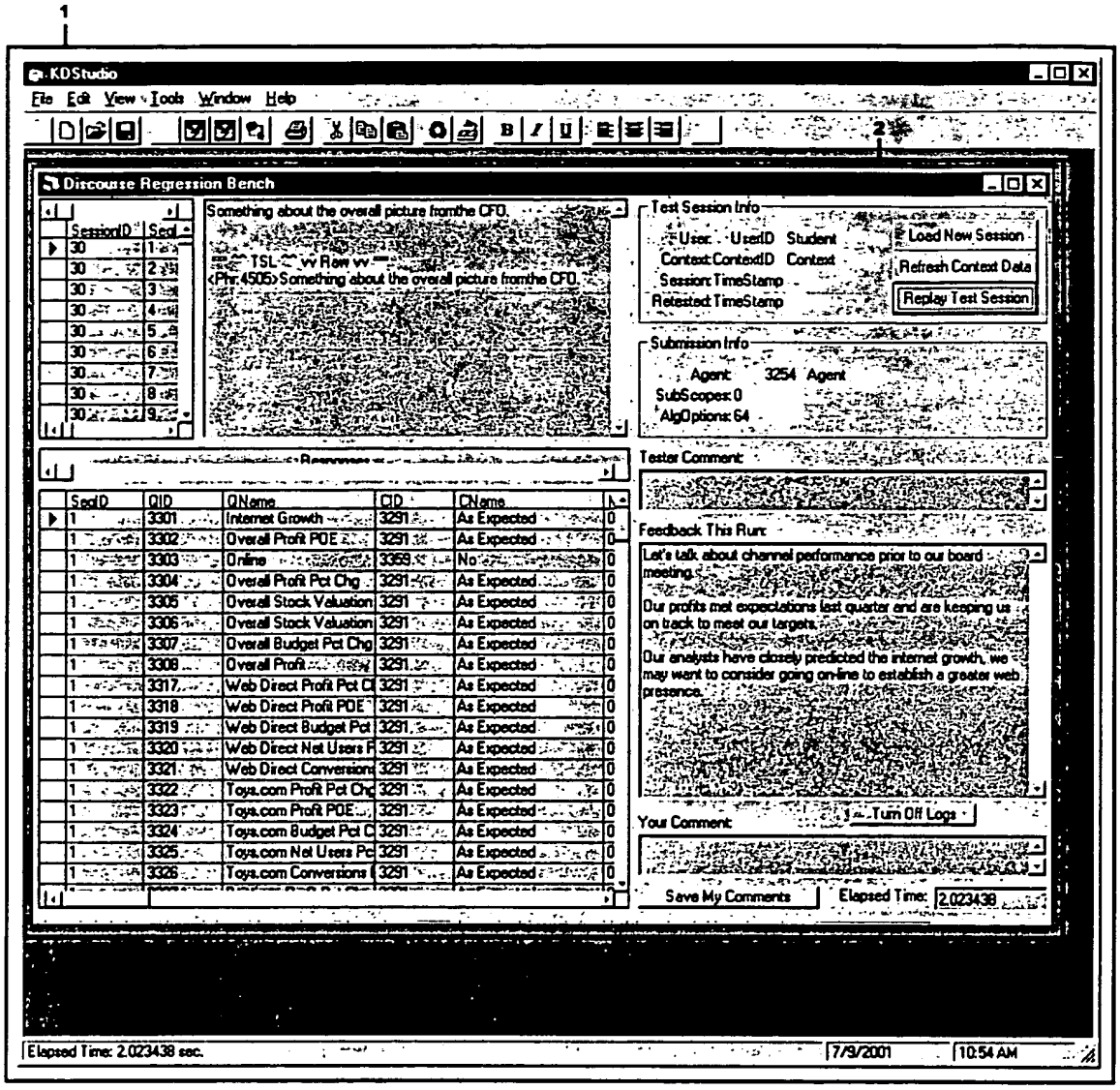

Figure 4: In accordance with a preferred embodiment, a screenshot of a Universal Data Editing, Testing, and Management Environment showing a dynamically loaded regression testing component.

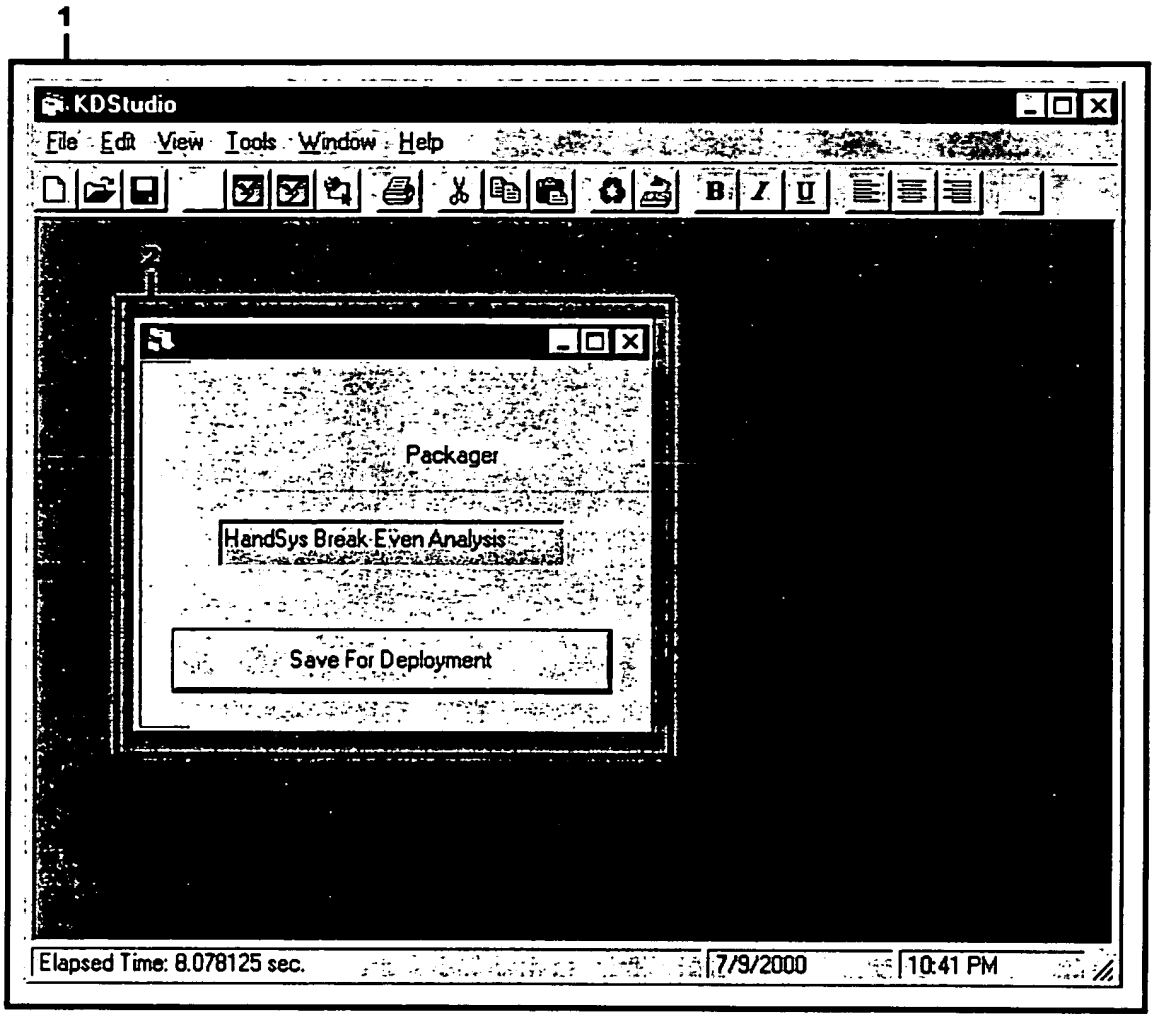

Figure 5: In accordance with a preferred embodiment, a screenshot of a Universal Data Editing, Testing, and Management Environment showing a dynamically loaded Data Packager and Deployment component.

C:\WINDOWS\TEMP\00_07_~1

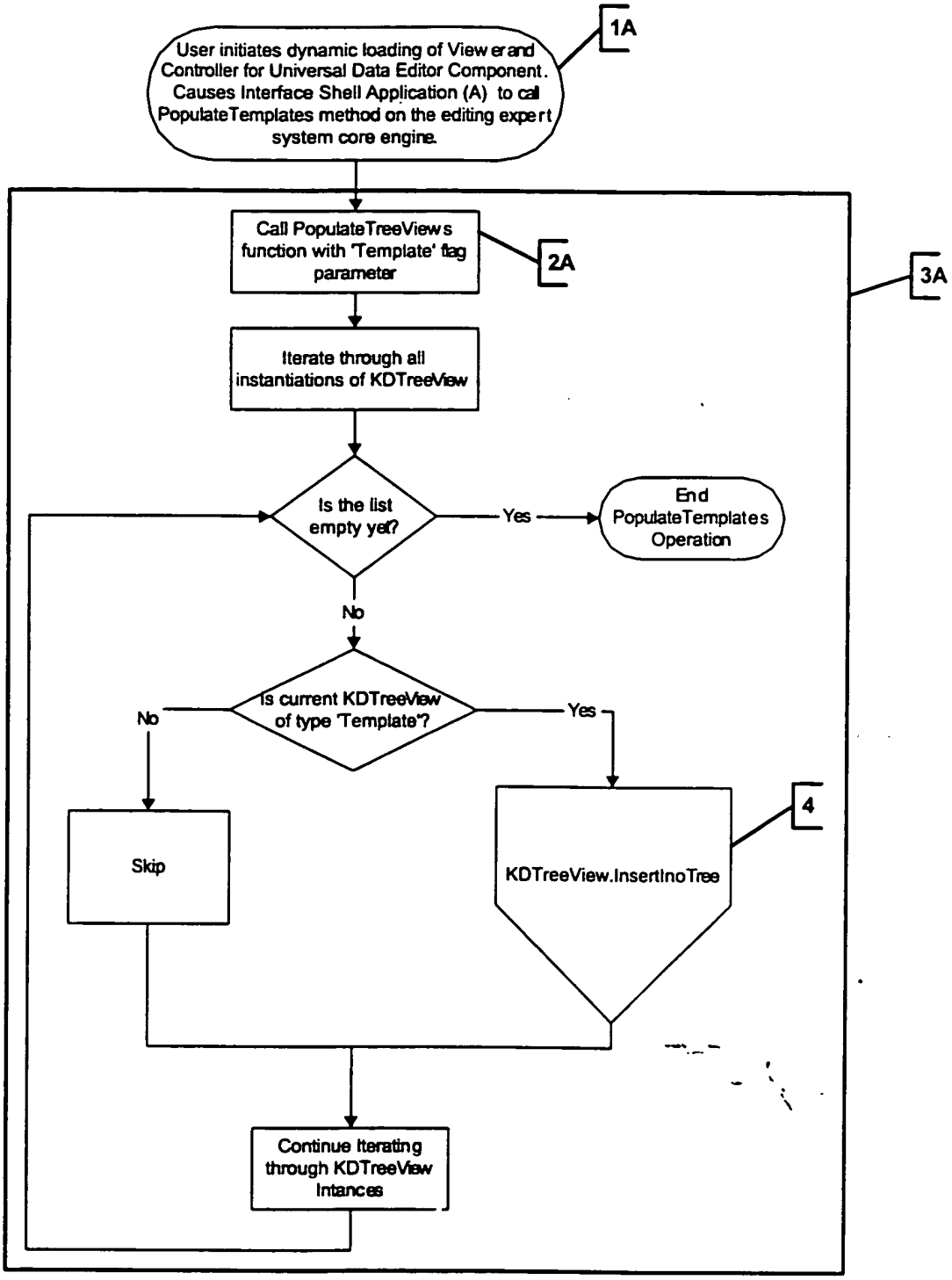

Figure 6A Flow Chart depicting PopulateTemplates and PopulateData operations

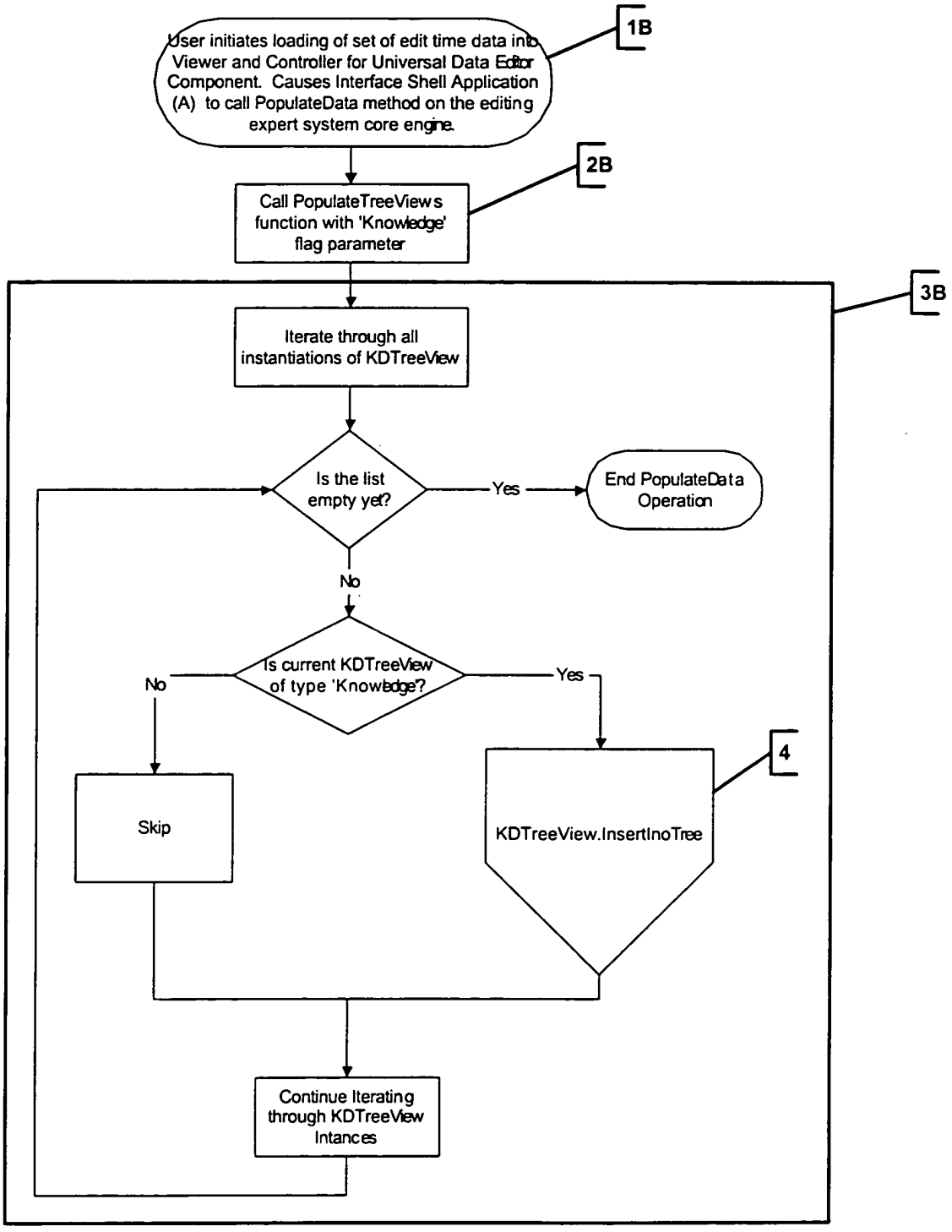

Figure 6B Flow Chart depicting PopulateTemplates and PopulateData operations

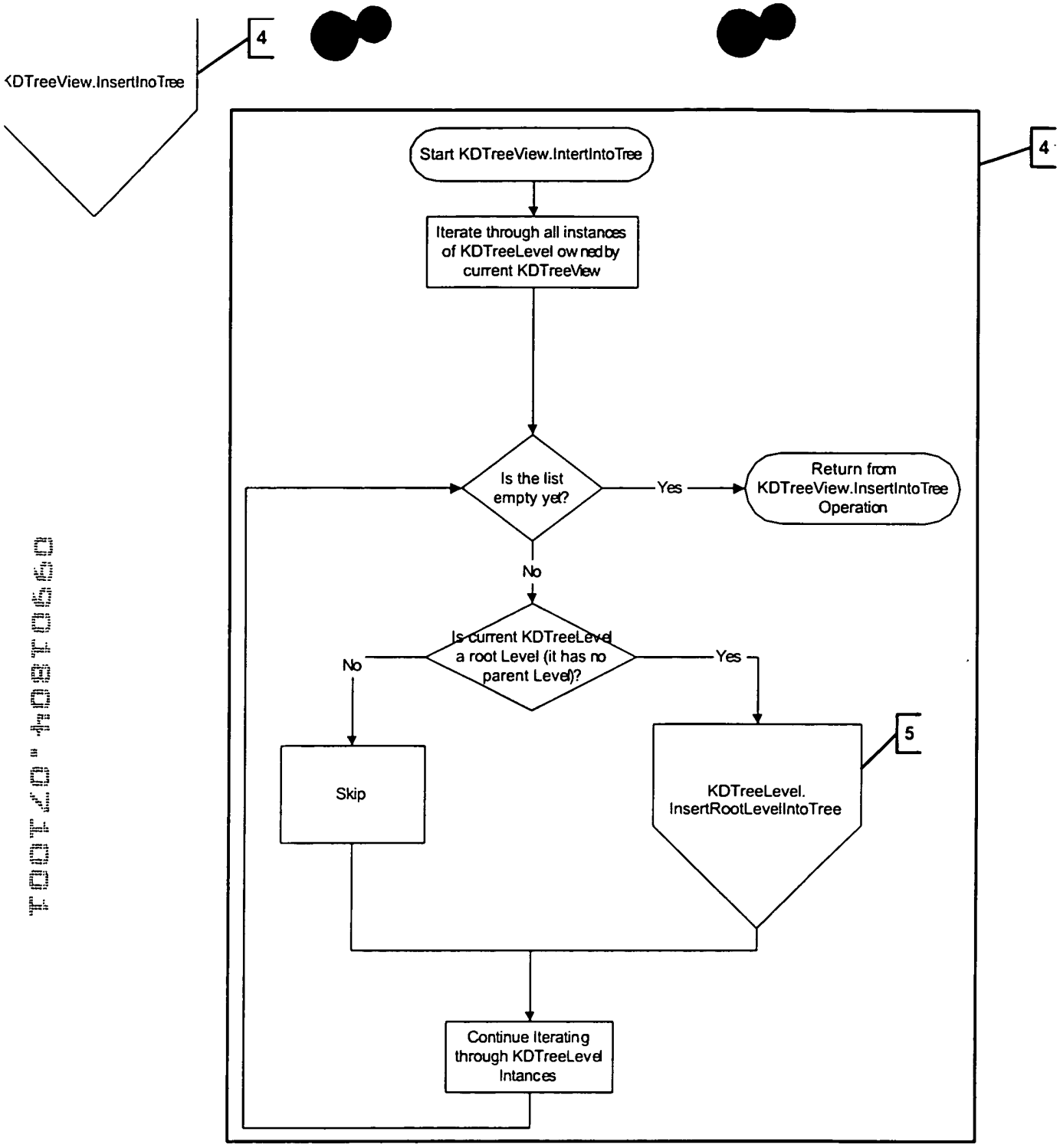

Figure 6: Flow Chart depicting PopulateTemplates and PopulateData operations

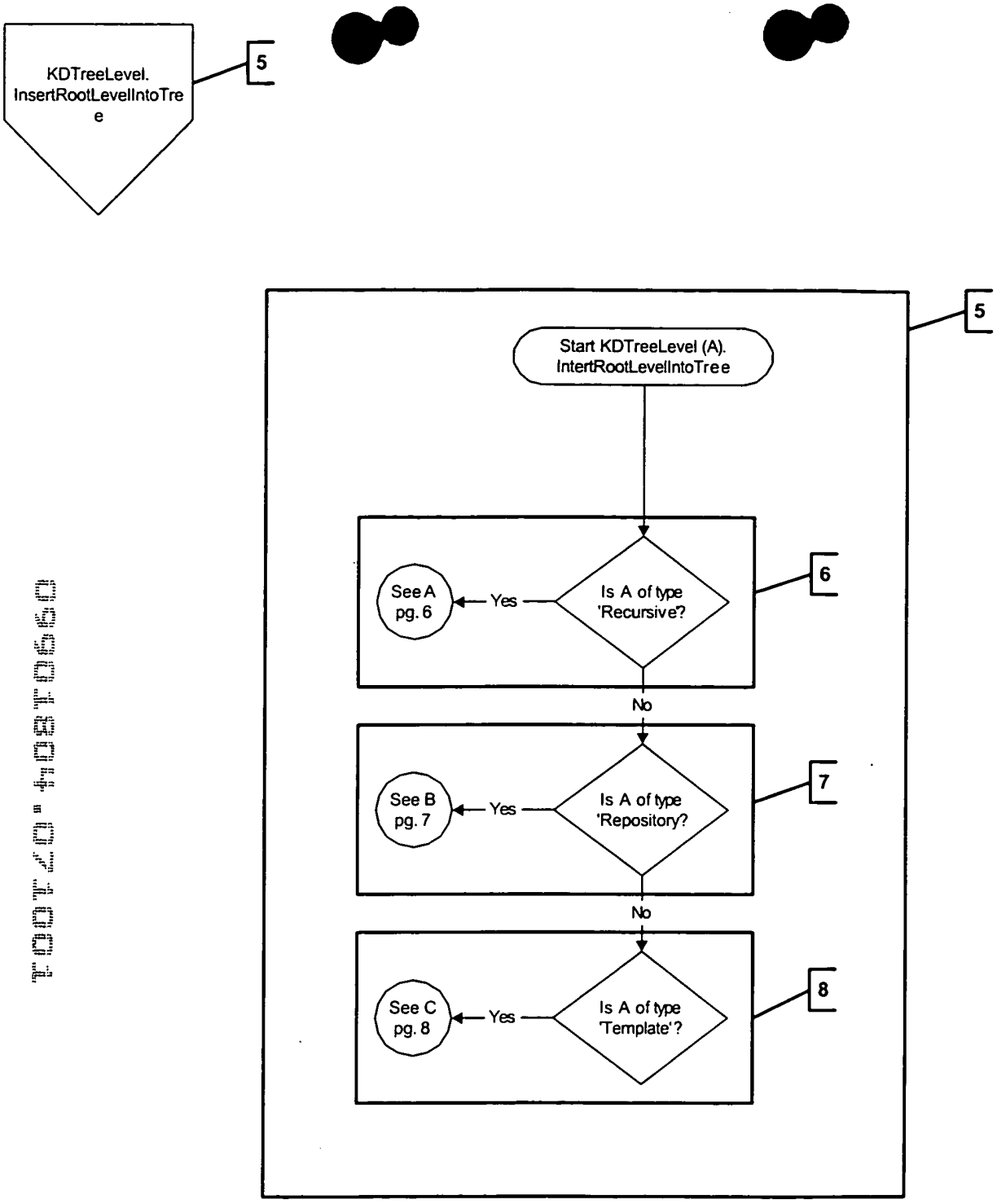

Figure 6A Flow Chart depicting PopulateTemplates and PopulateData operations

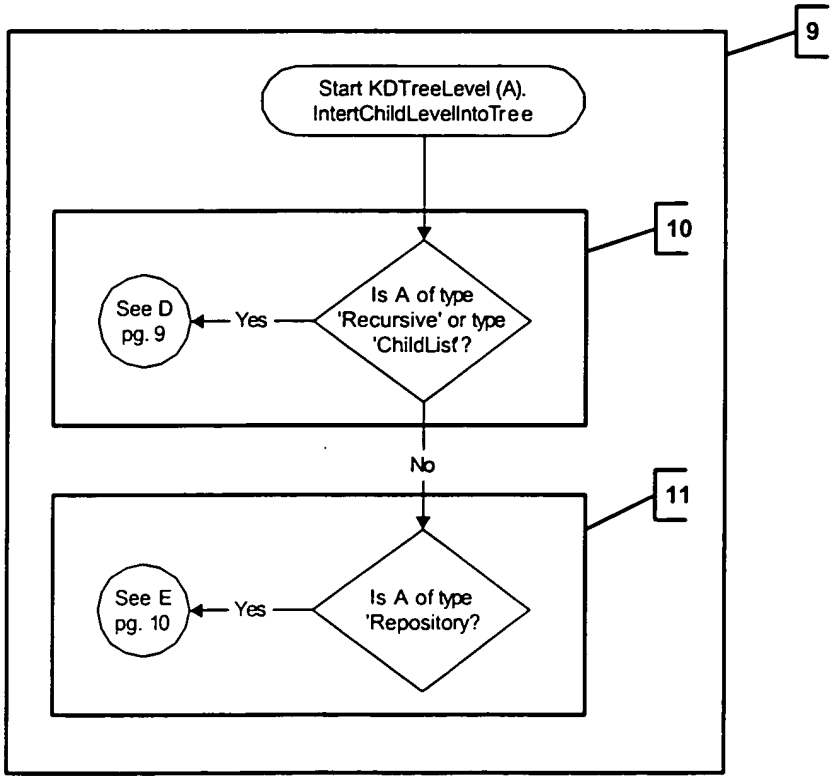

Figure 6; Flow Chart depicting PopulateTemplates and PopulateData operations

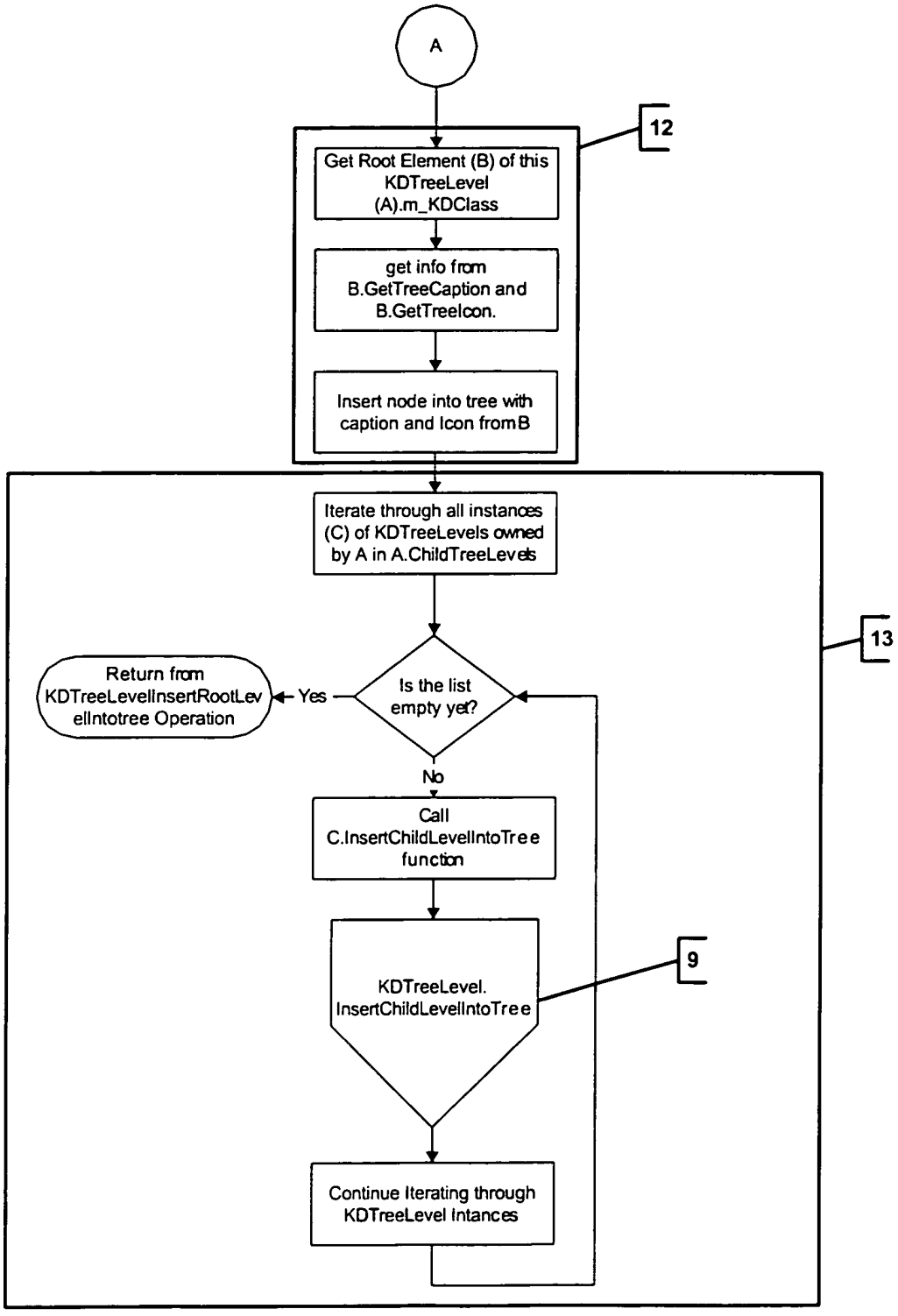

Figure 6: Flow Chart depicting PopulateTemplates and PopulateData operations

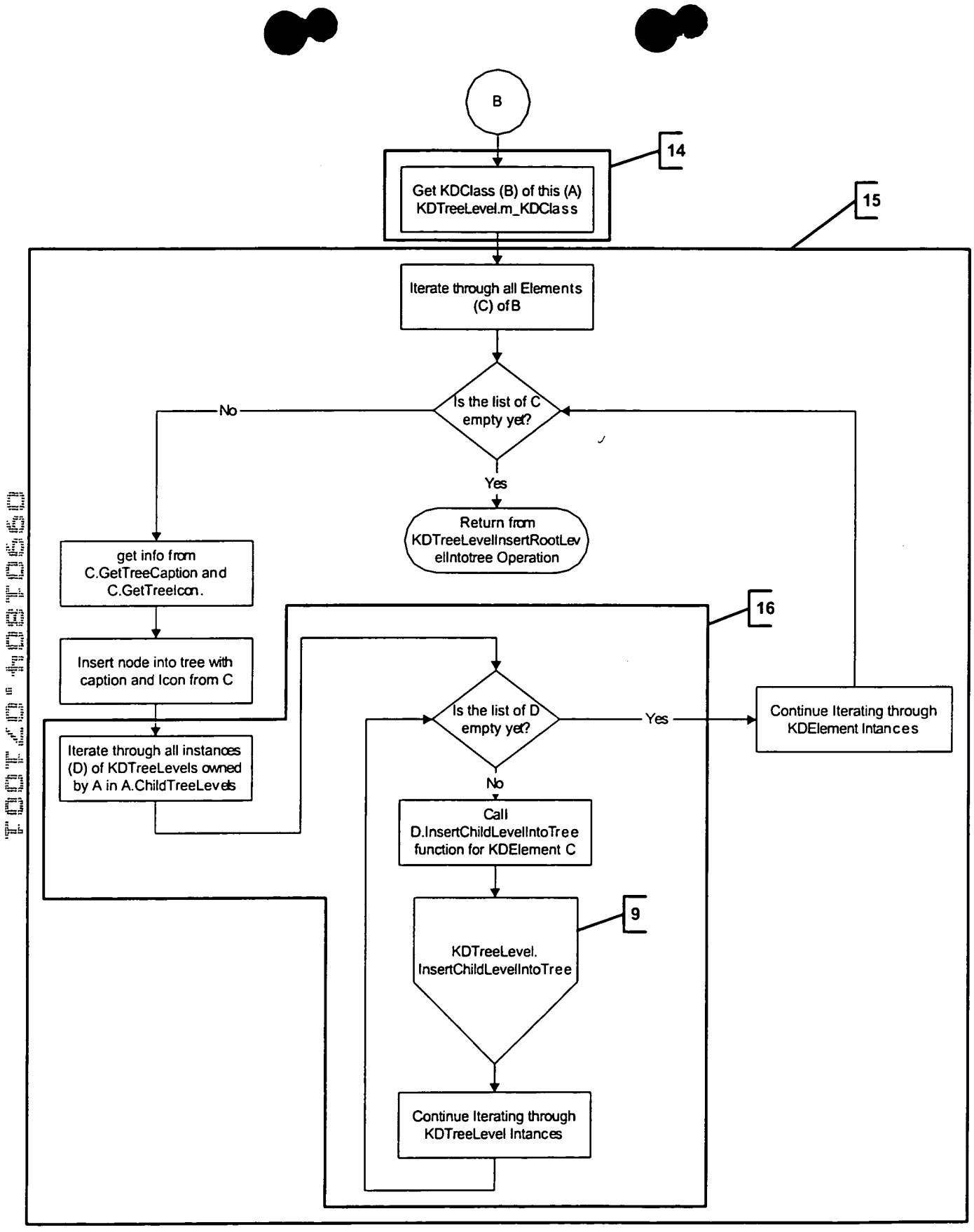

Figure 6G Flow Chart depicting PopulateTemplates and PopulateData operations

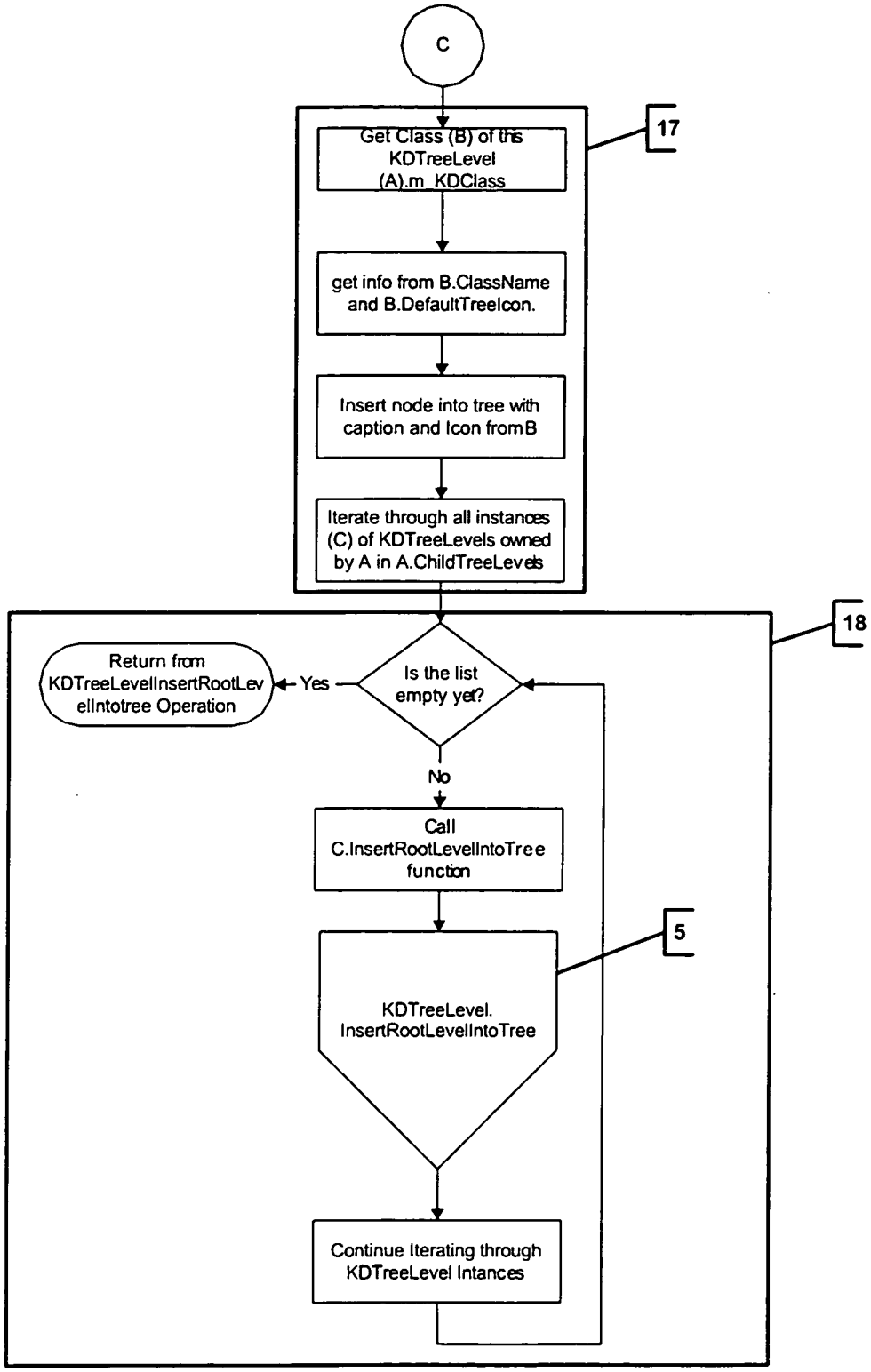

Figure 6A Flow Chart depicting PopulateTemplates and PopulateData operations

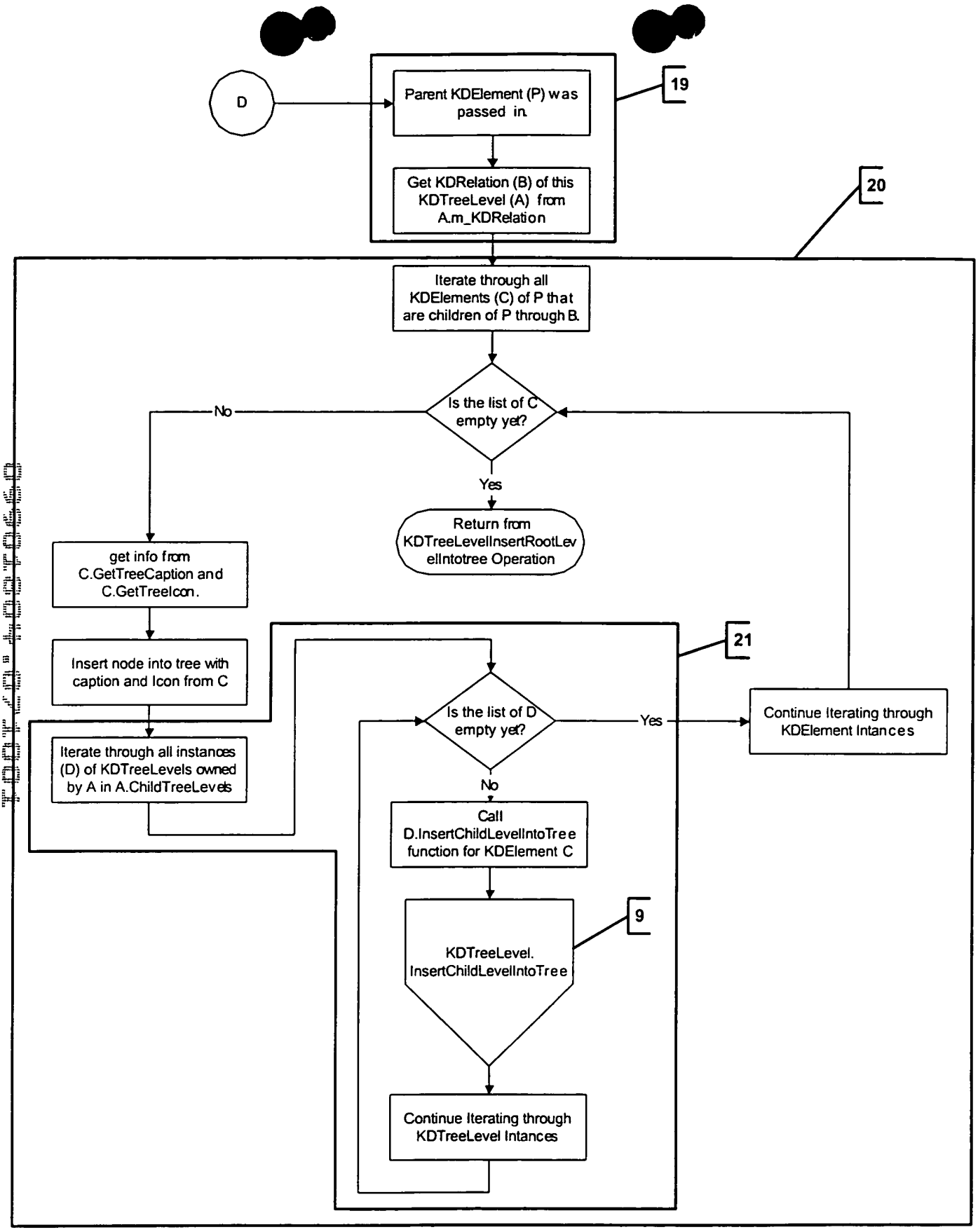

Figure 6: Flow Chart depicting PopulateTemplates and PopulateData operations

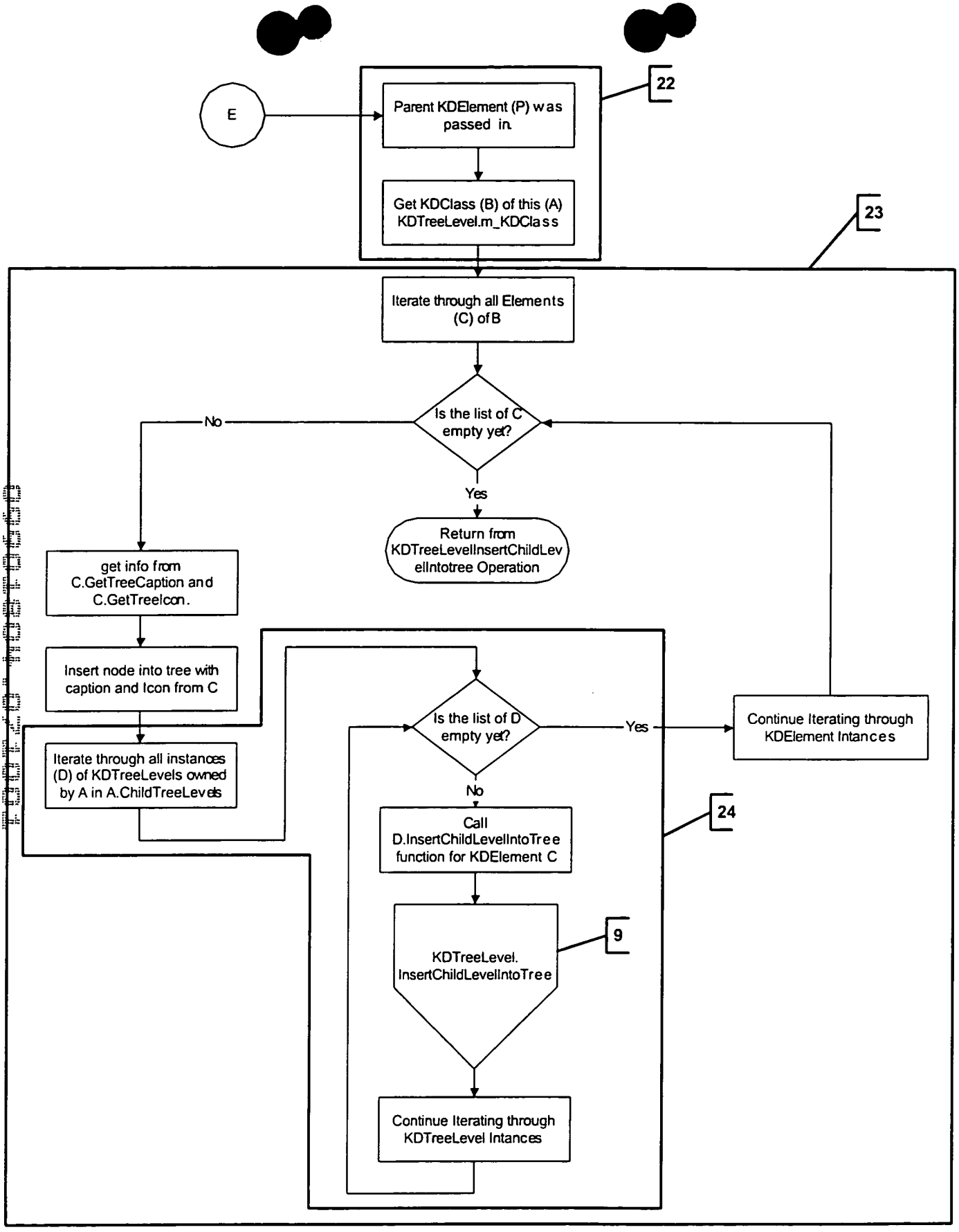

Figure 6A Flow Chart depicting PopulateTemplates and PopulateData operations

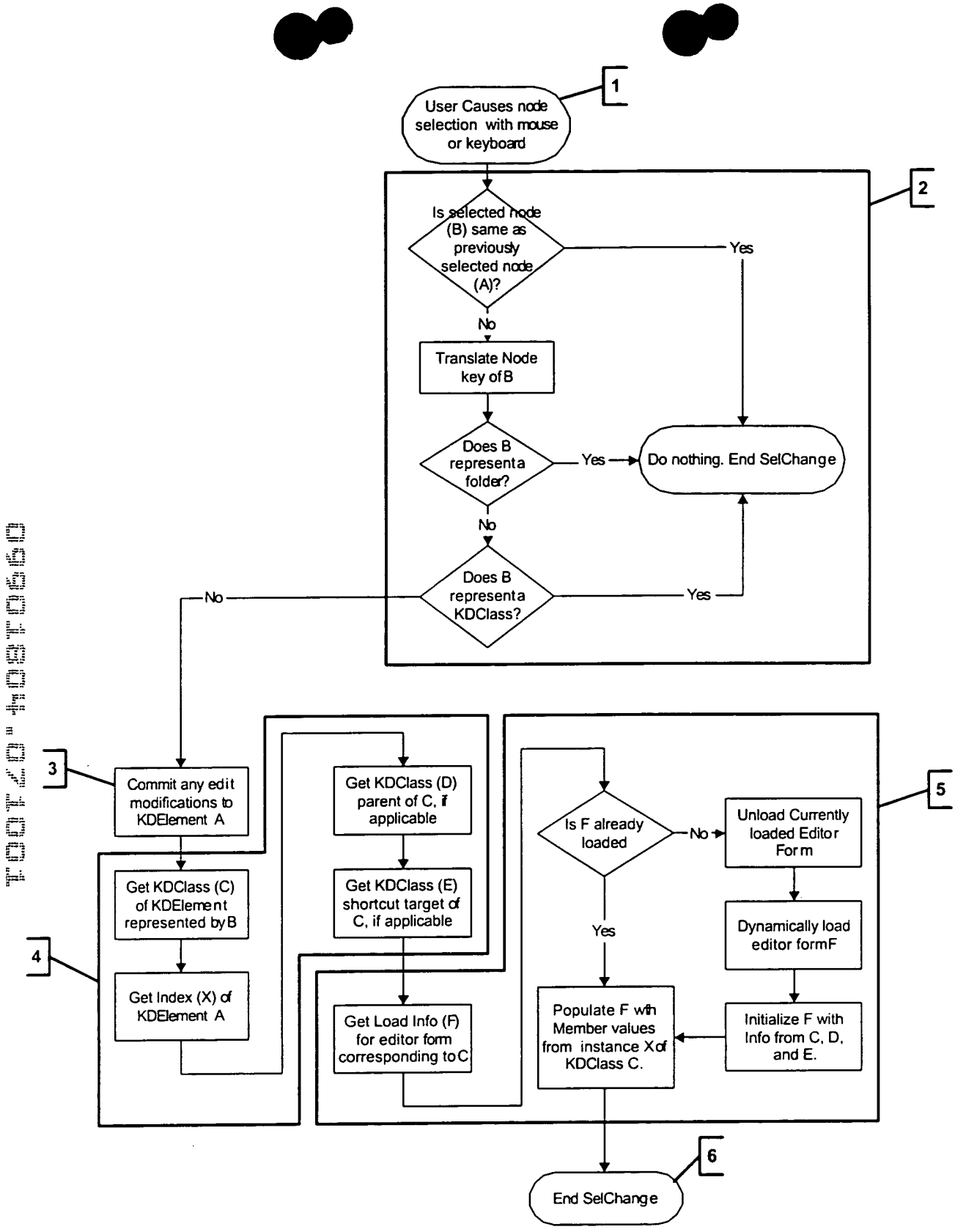

Figure 7: Flow Chart depicting SelChange operation

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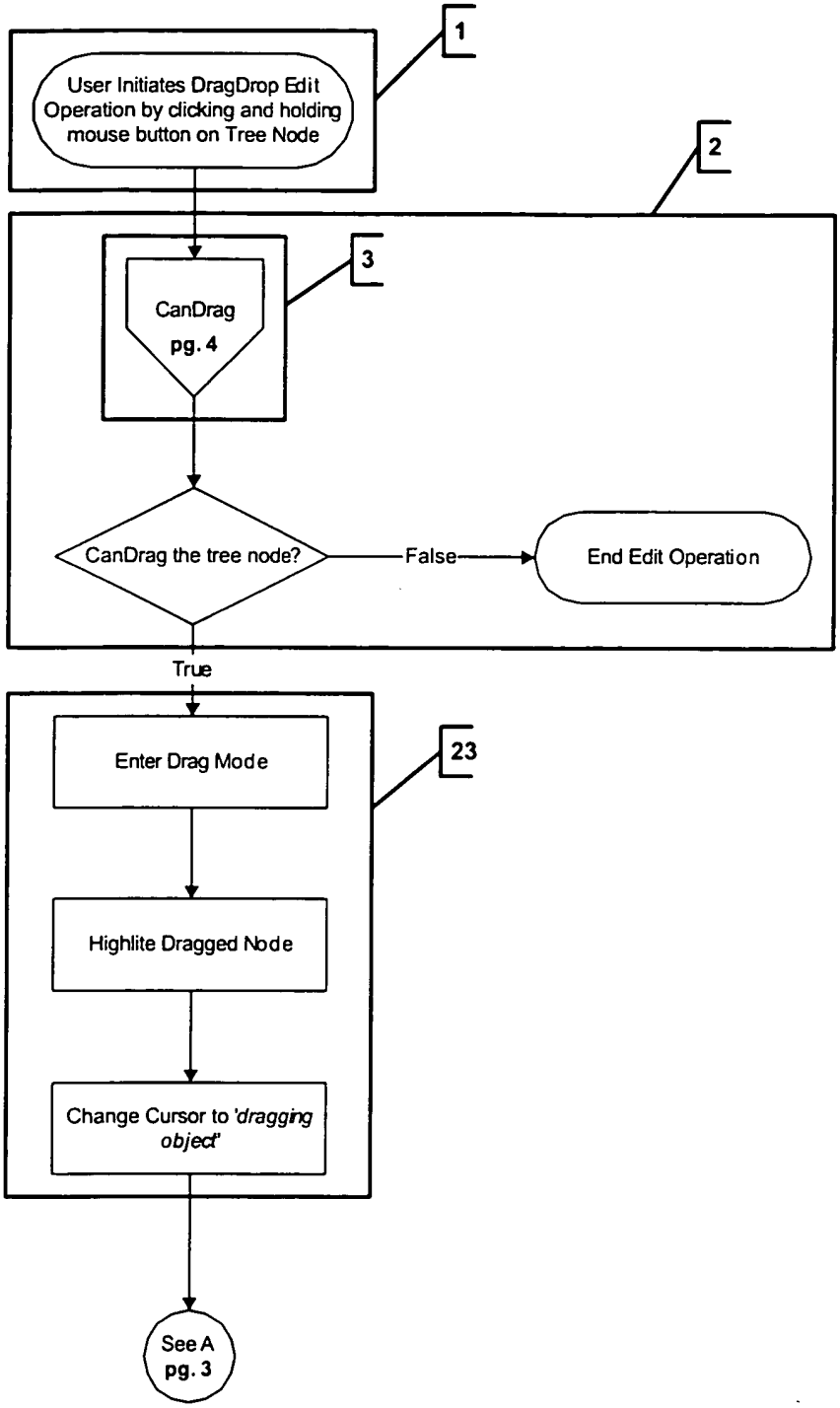

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

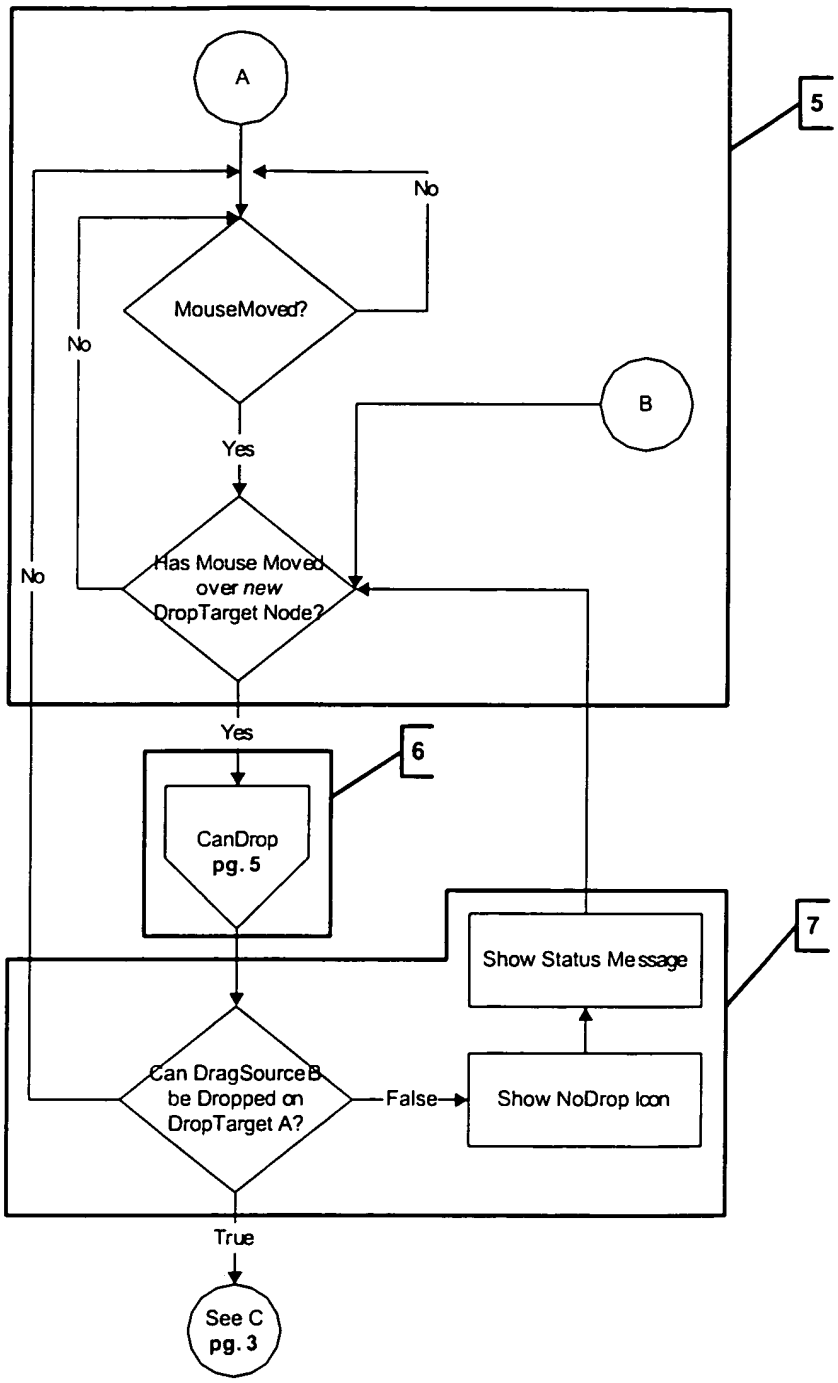

Figure 8B Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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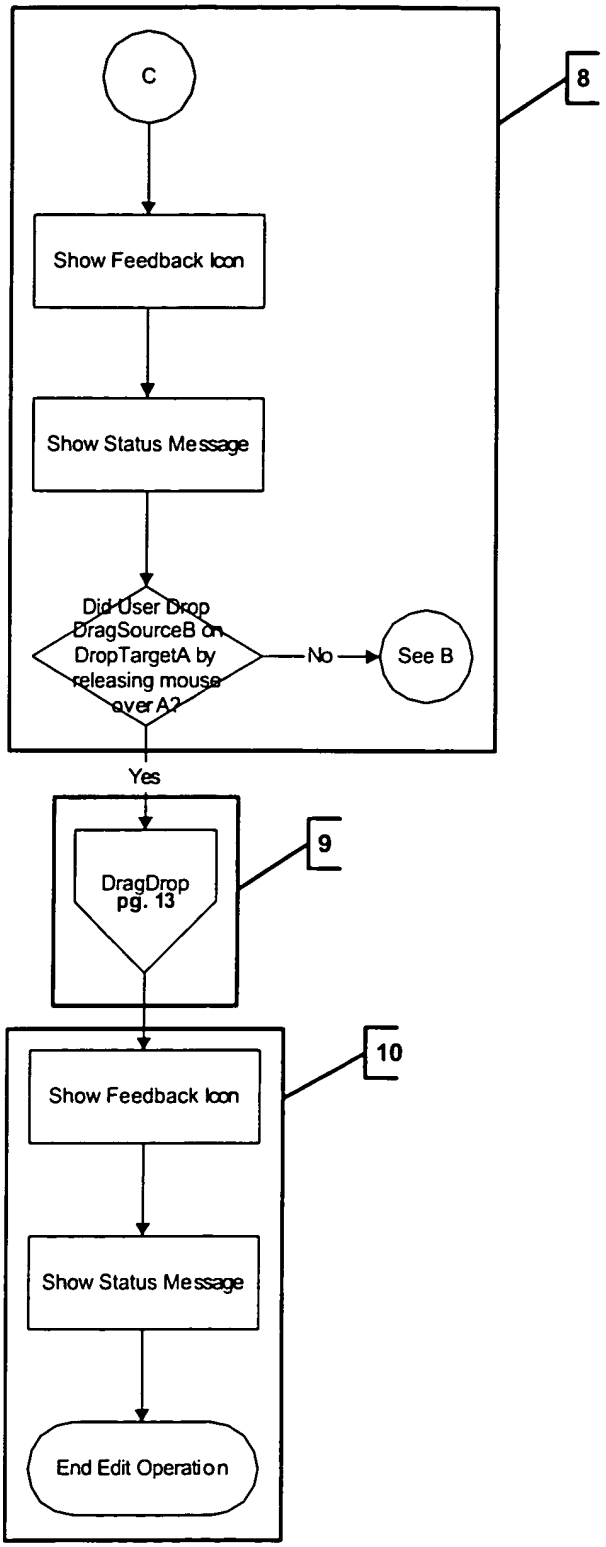

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

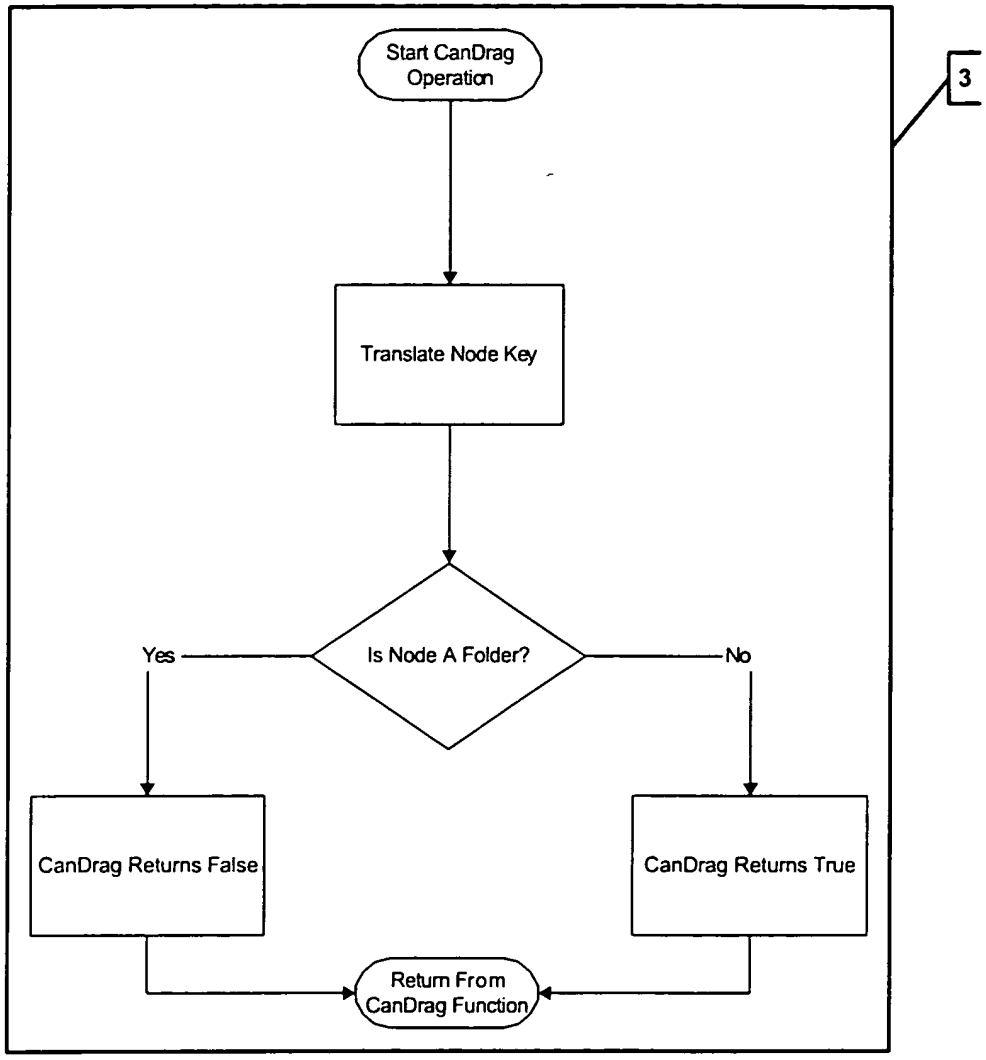

Figure 8D Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

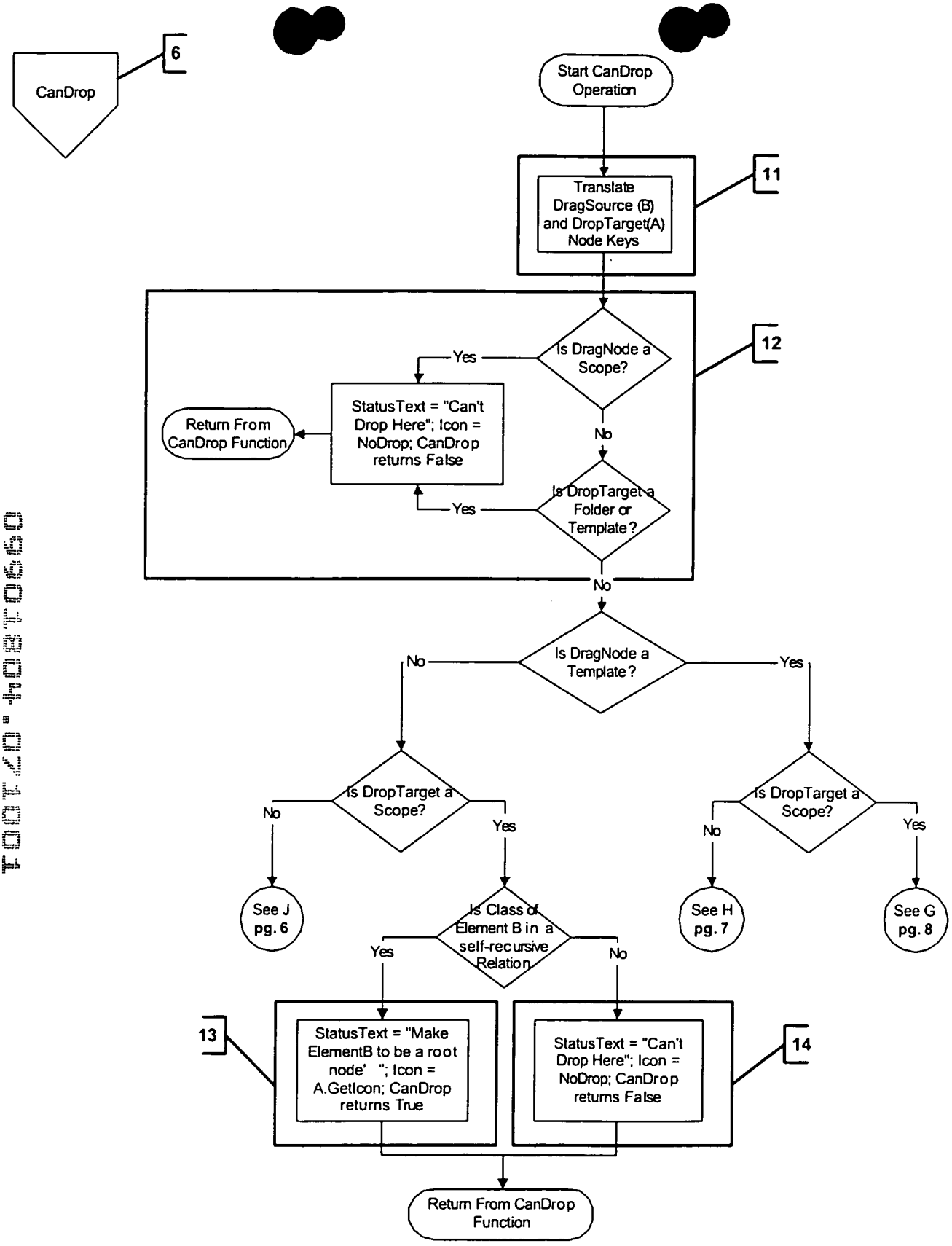

Figure 8E Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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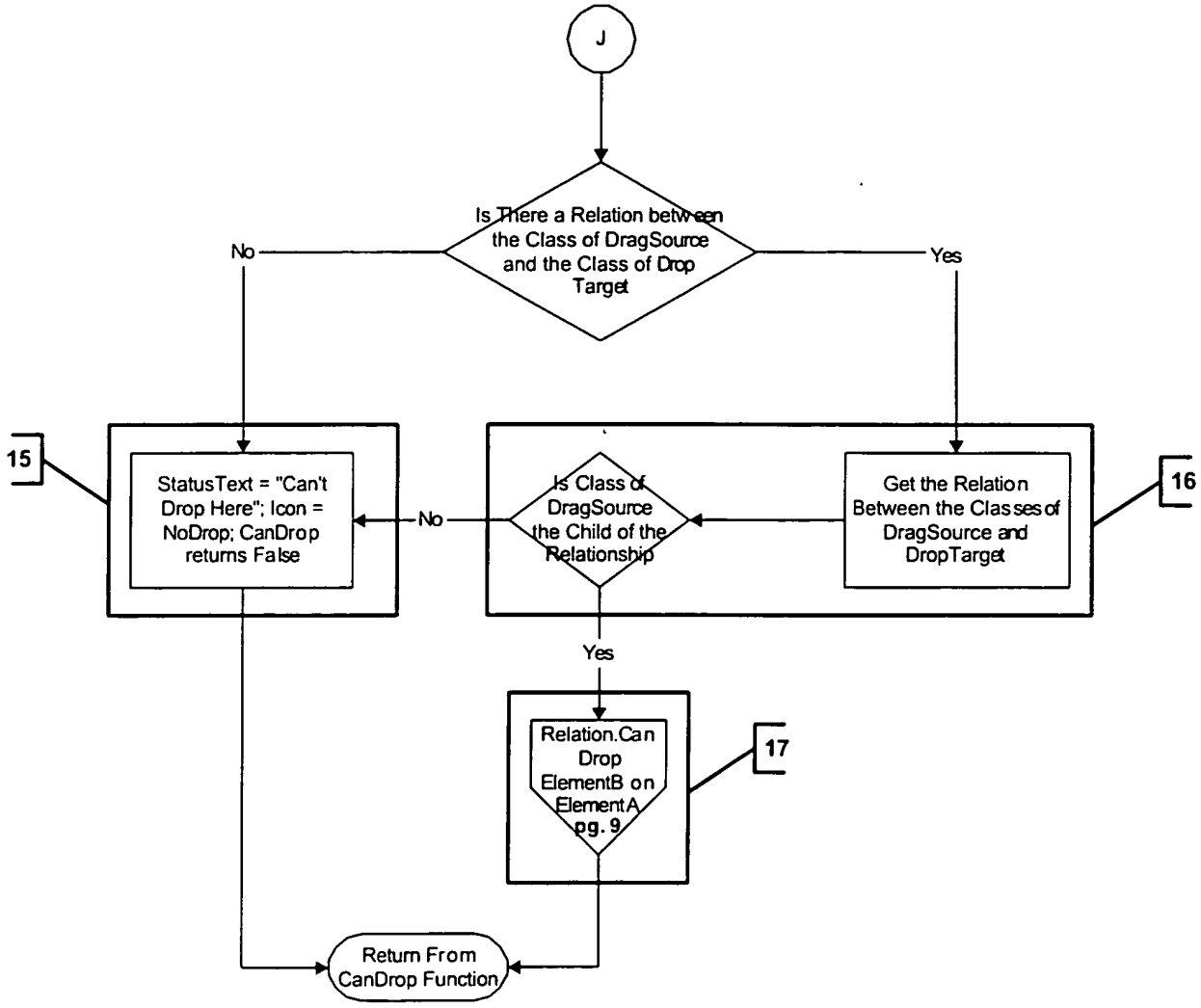

Figure 8F Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

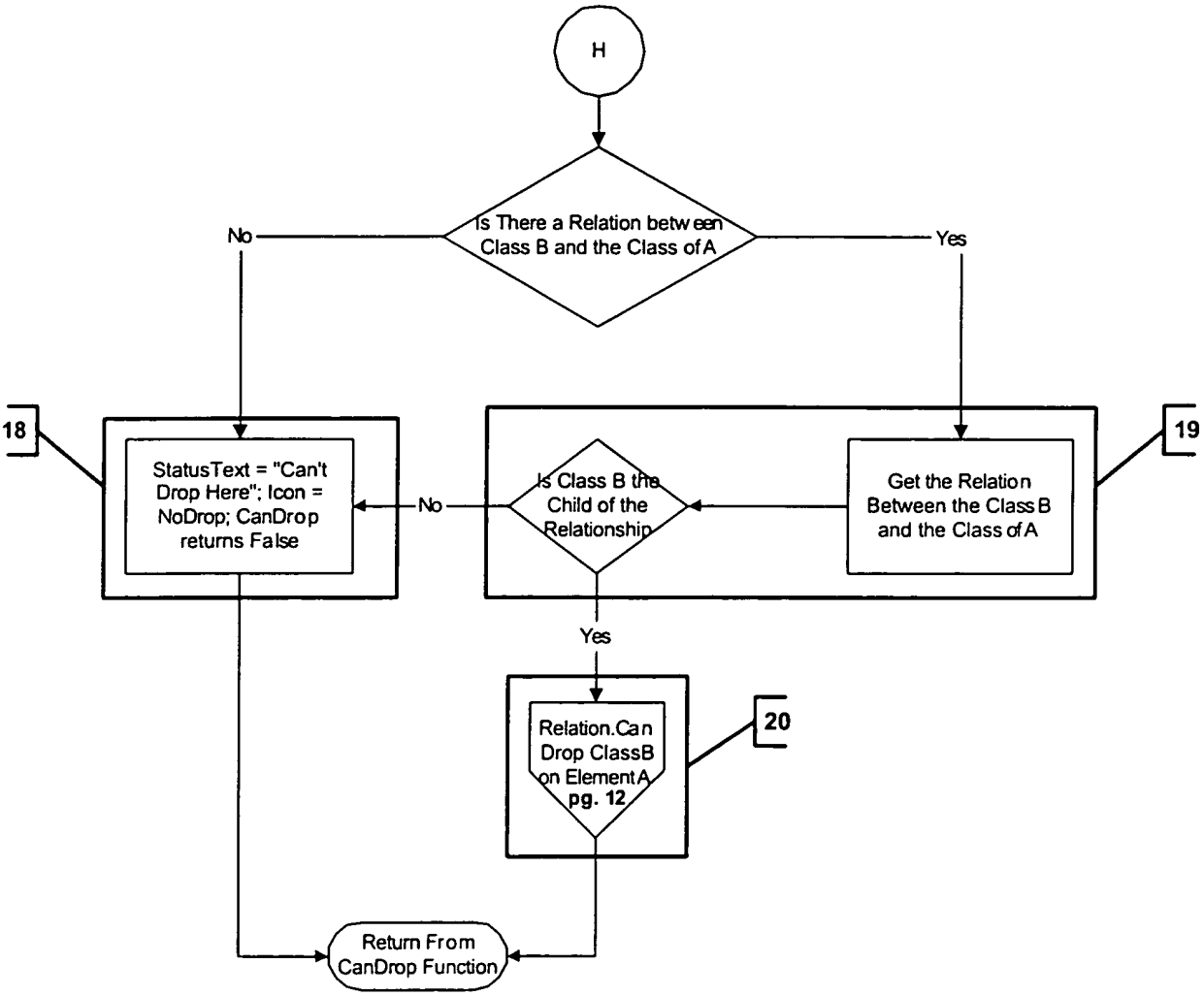

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

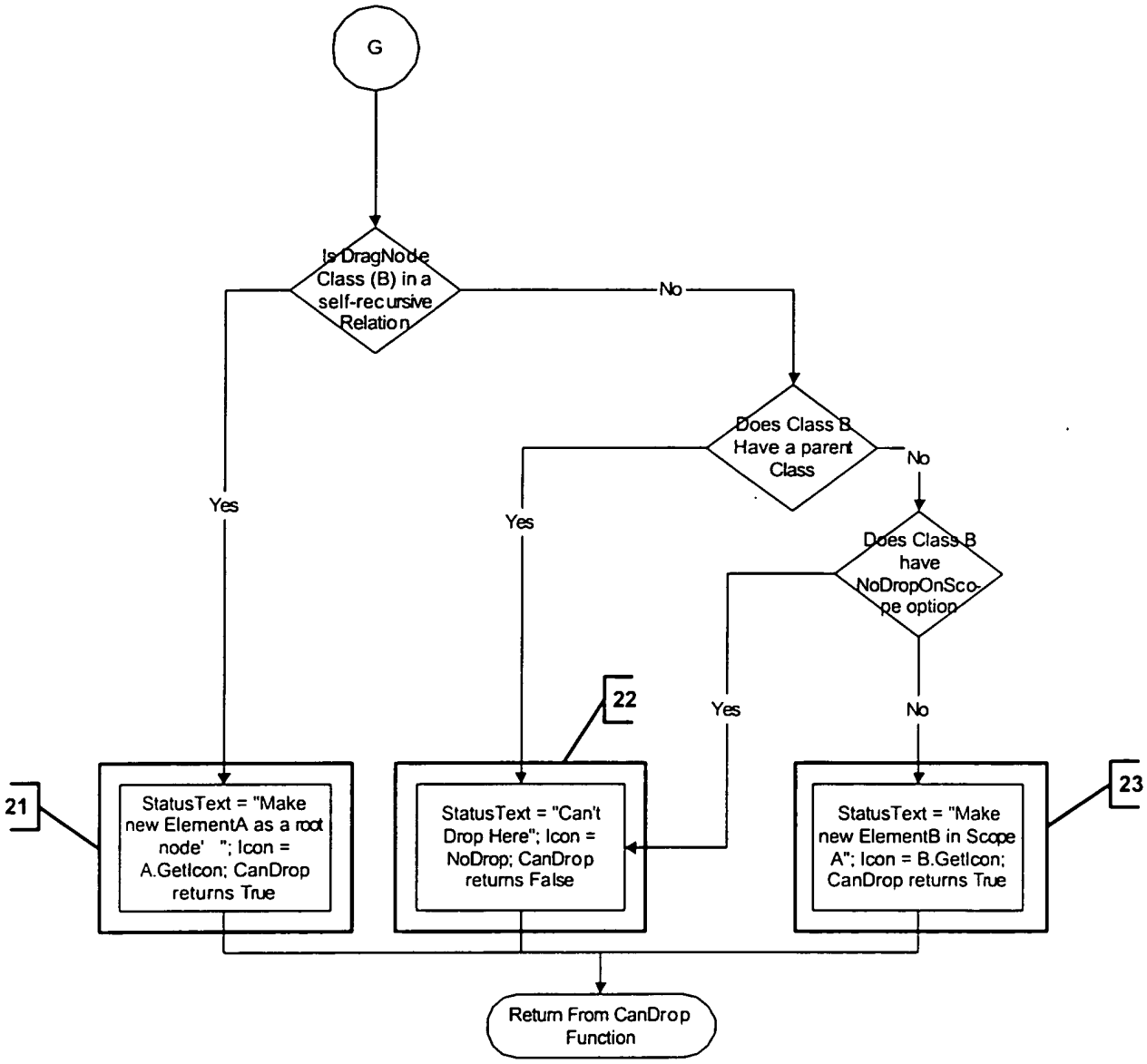

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

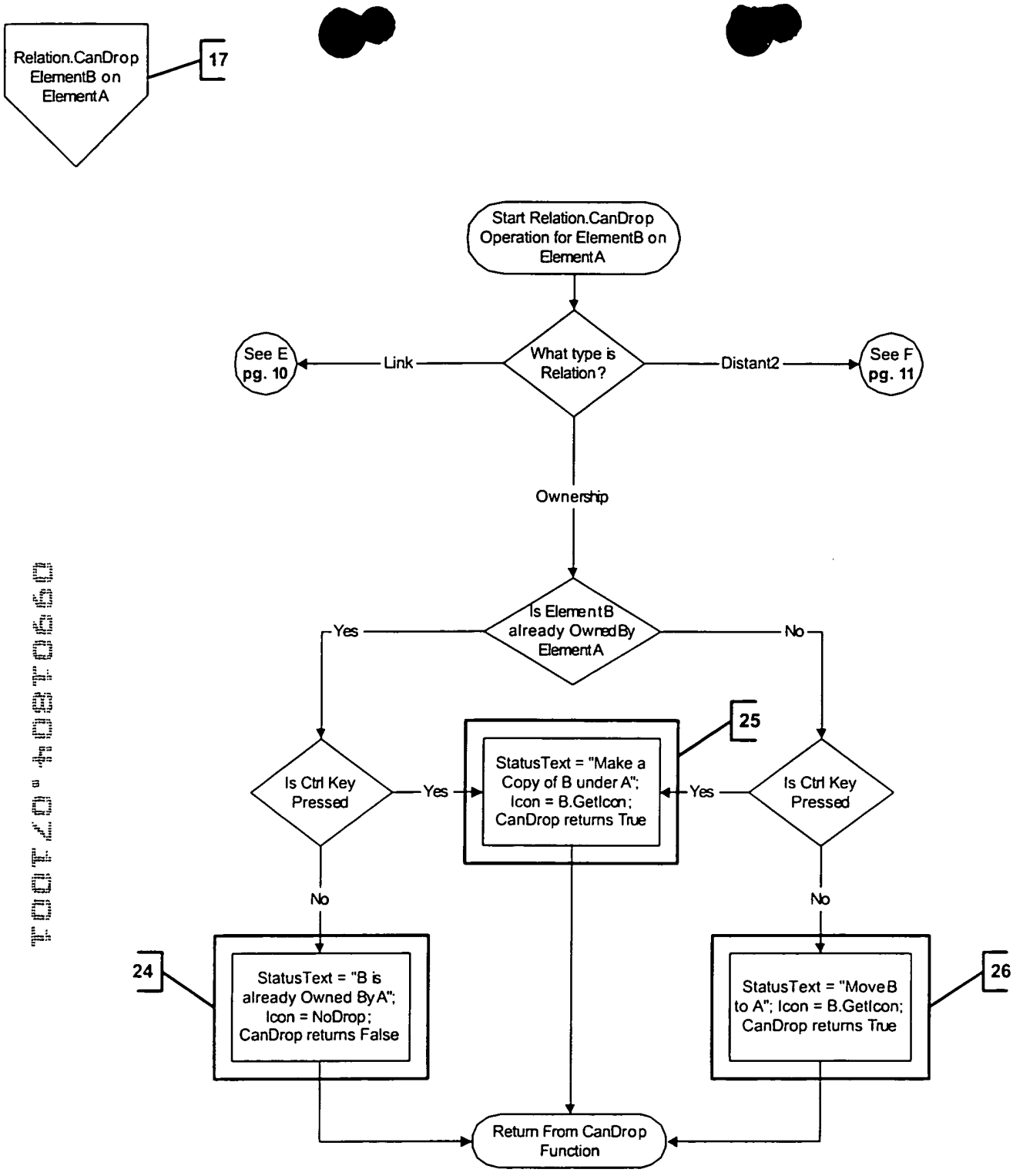

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

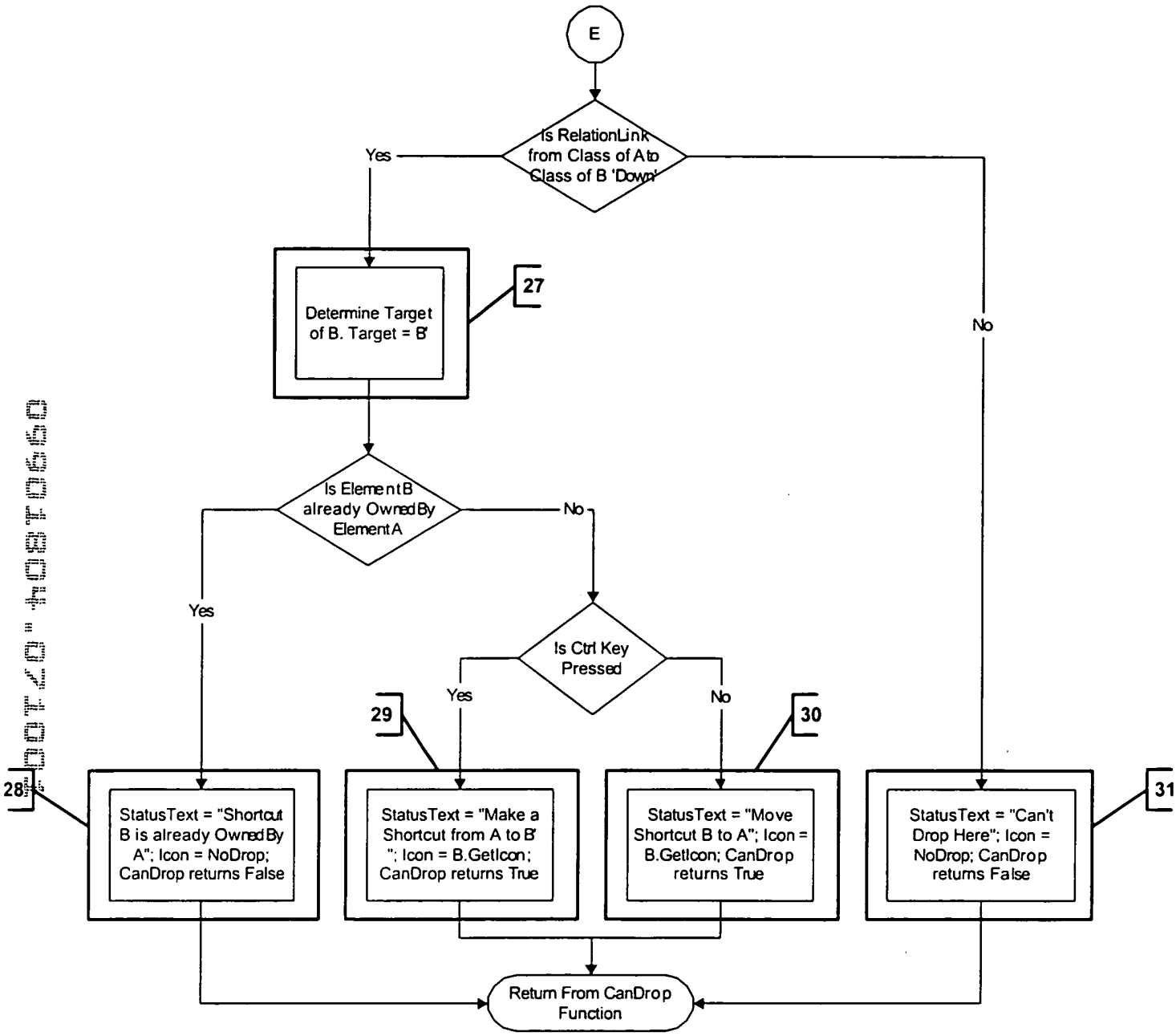

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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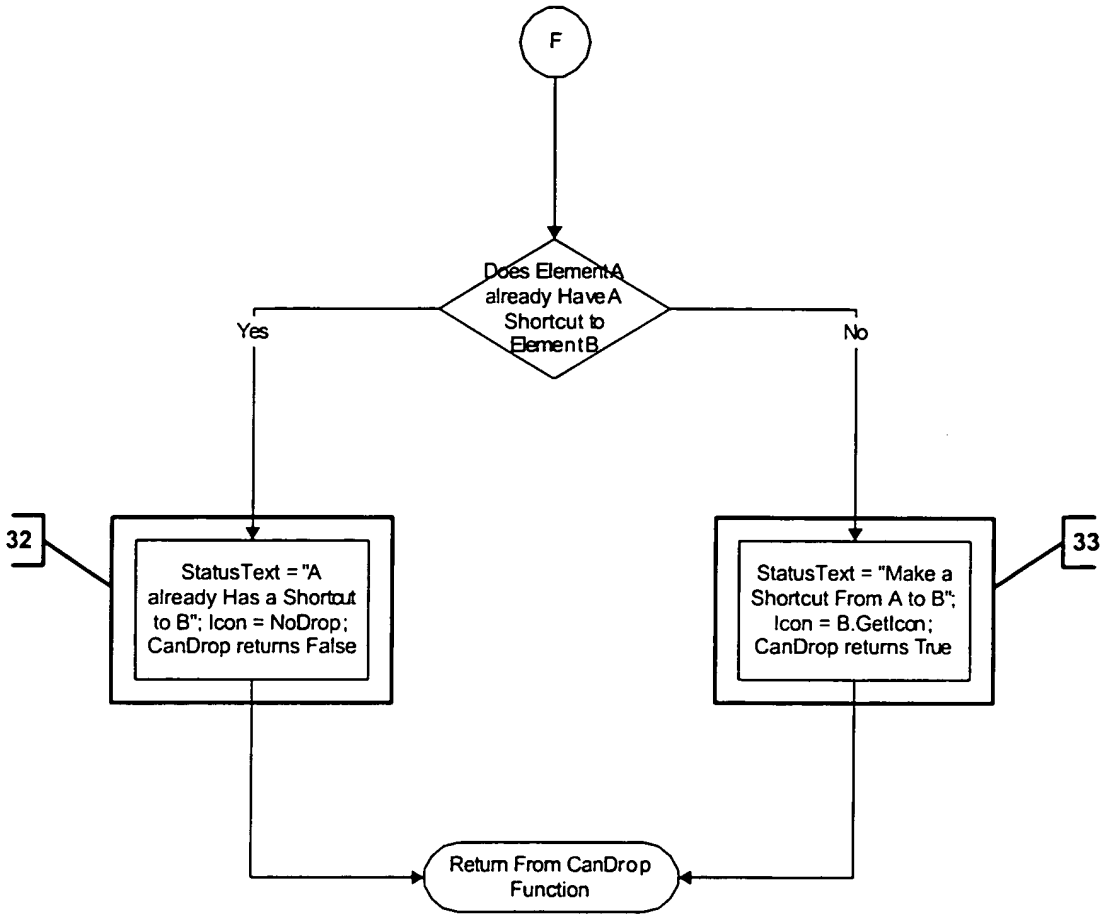

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Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

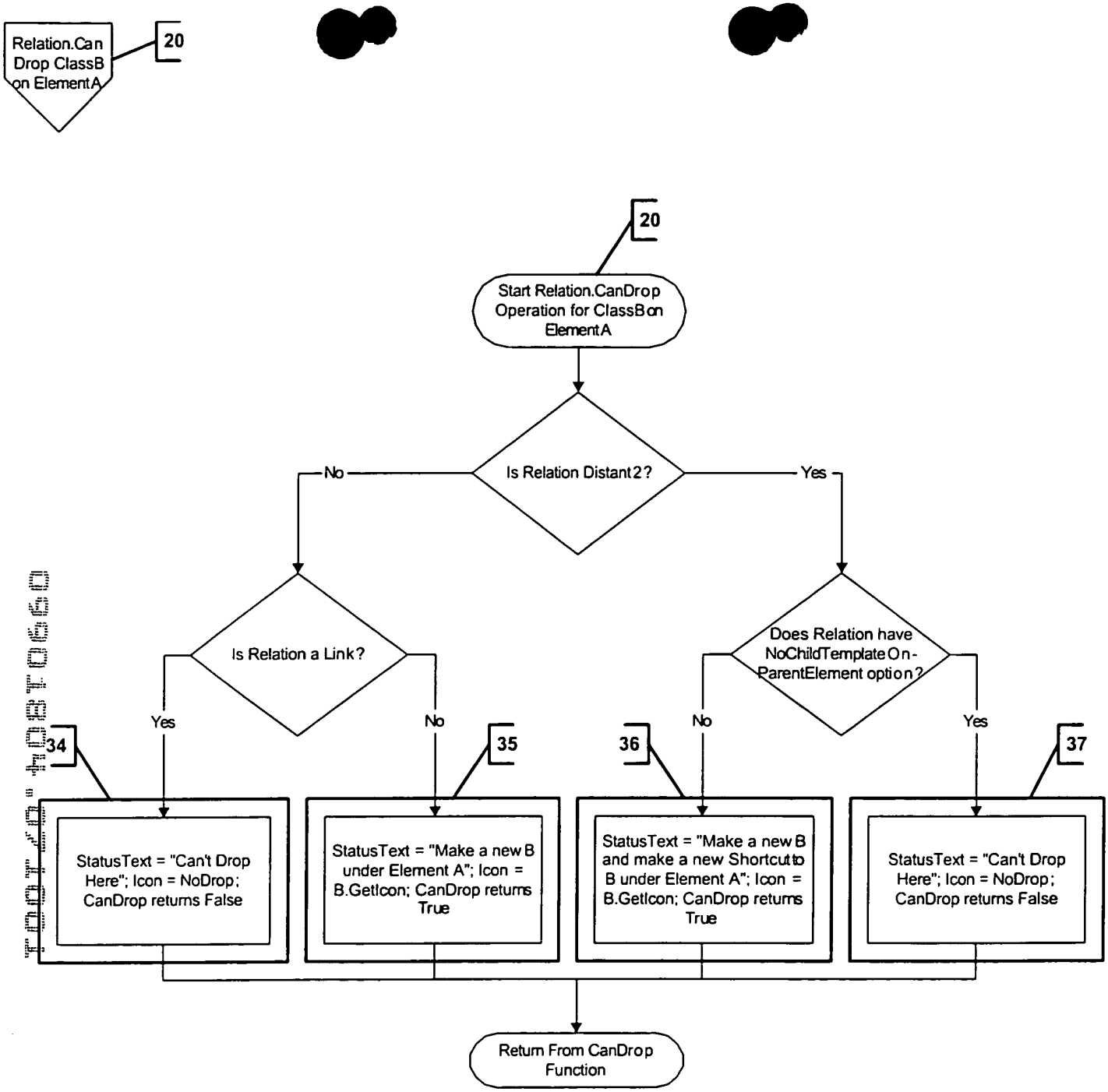

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

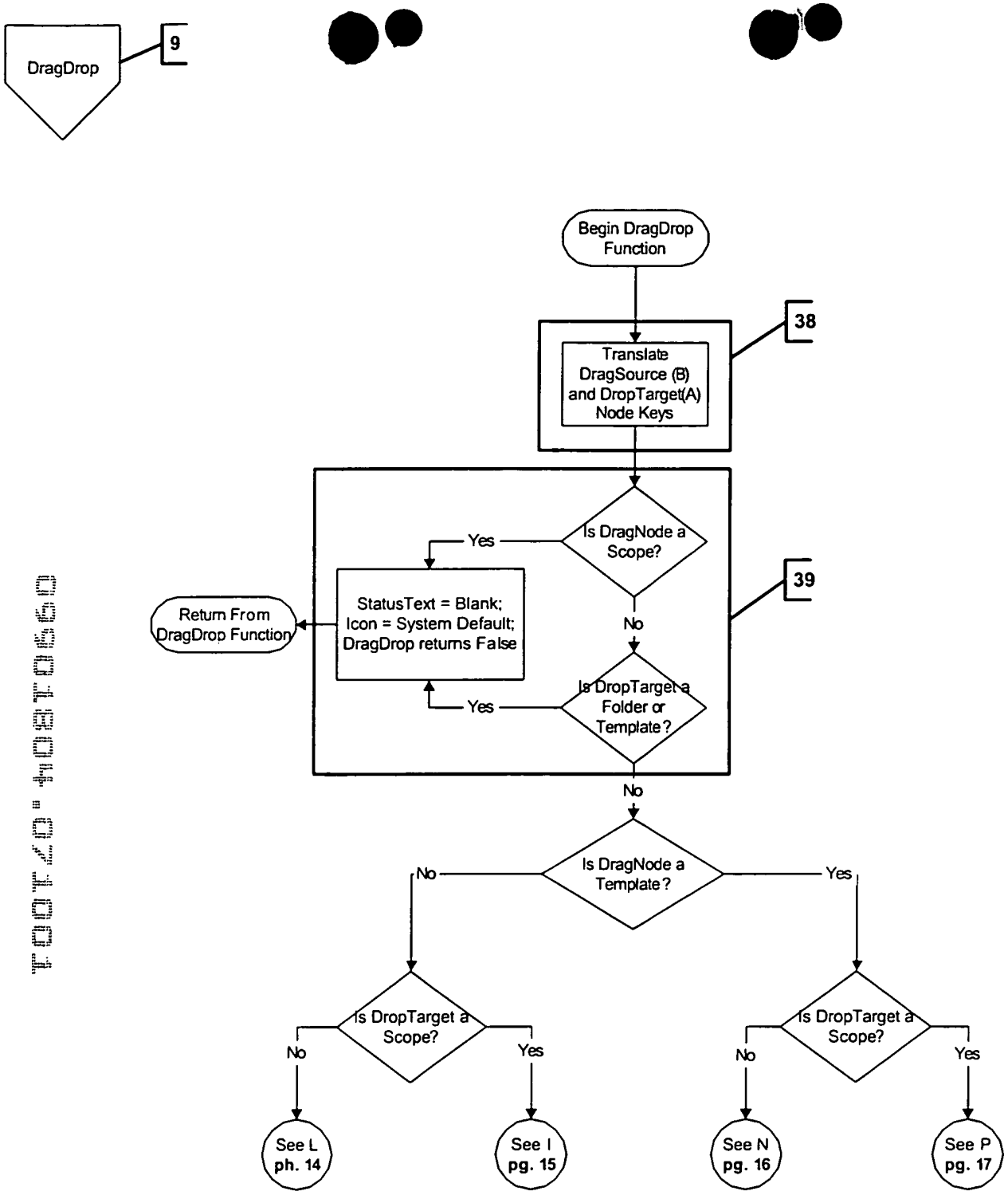

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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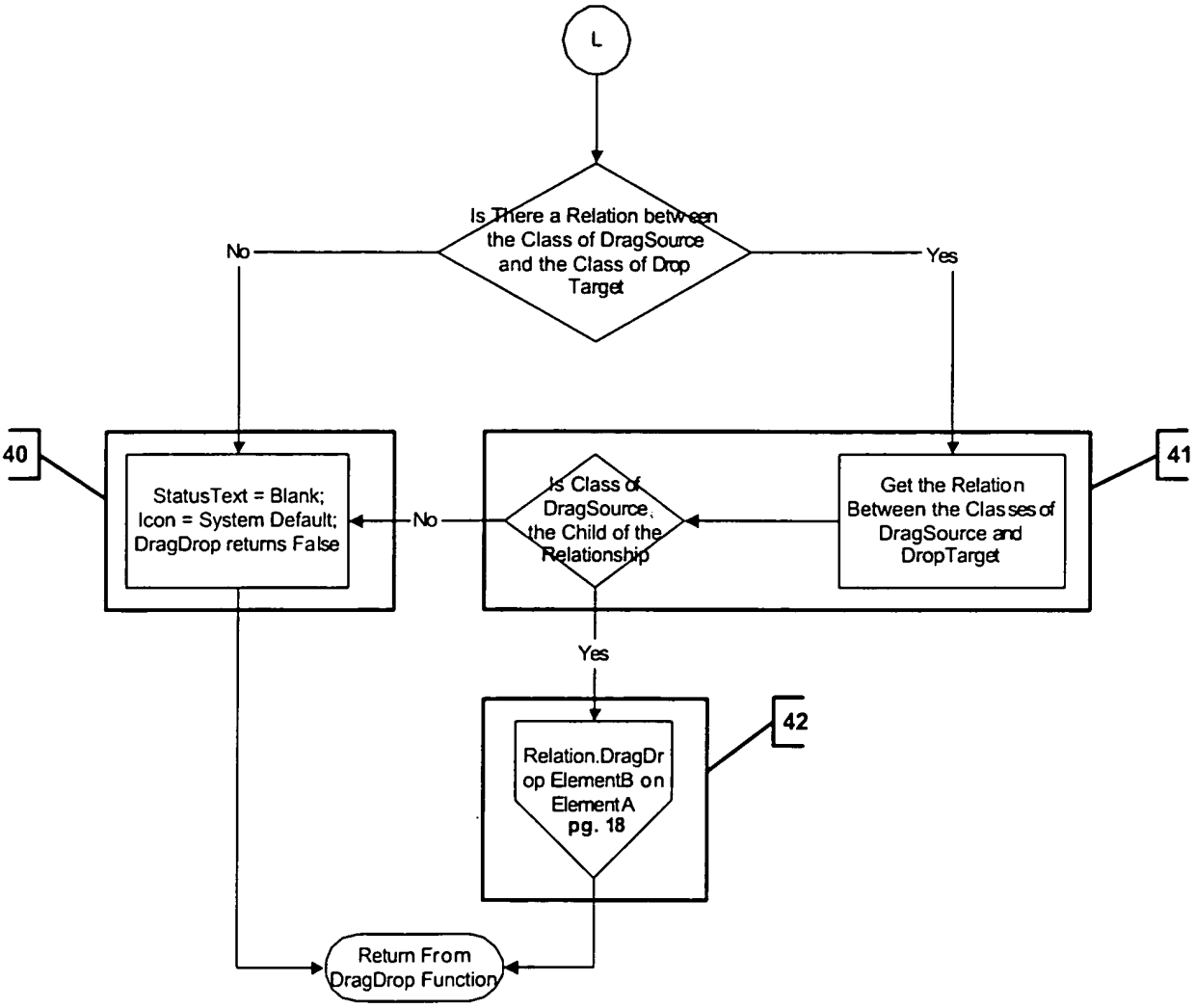

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

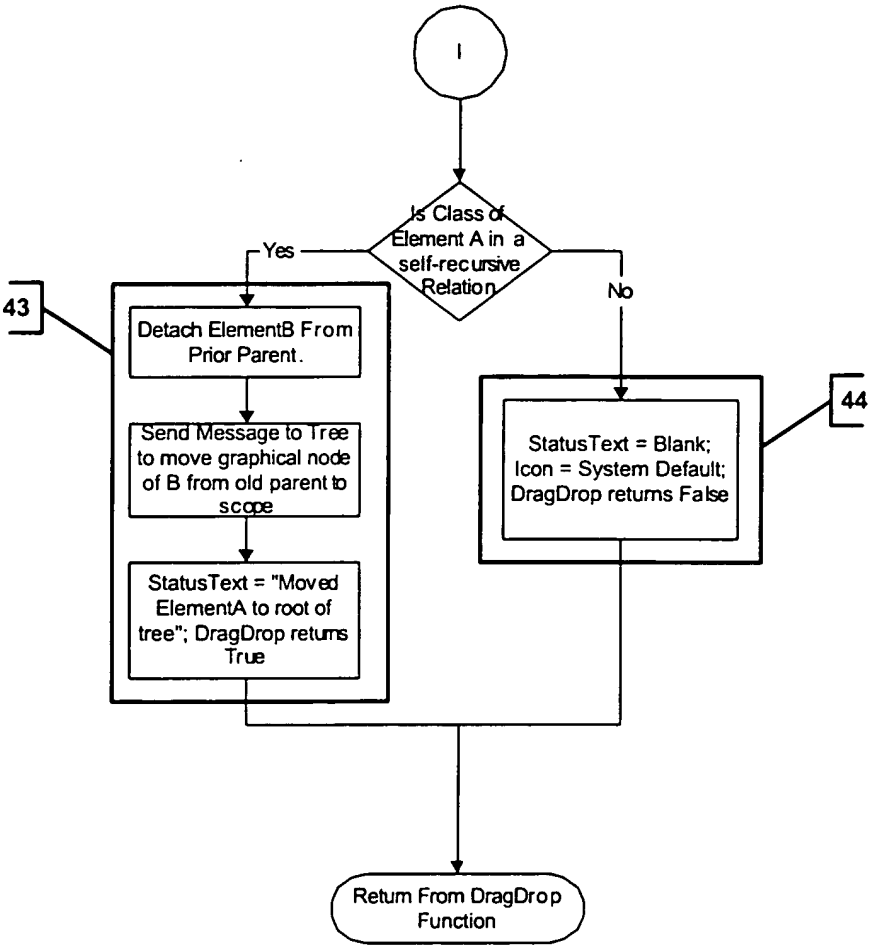

Figure 8 Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

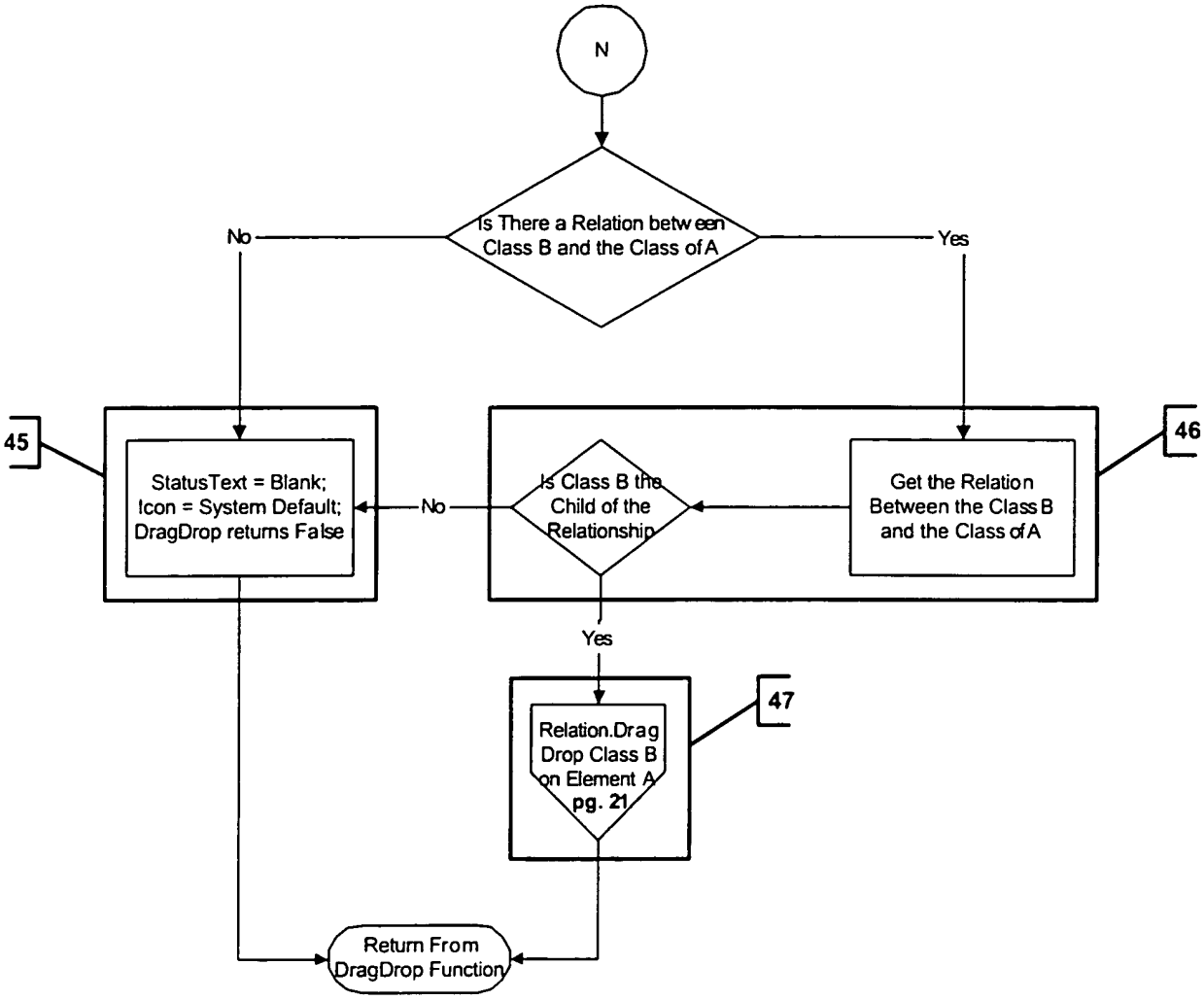

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

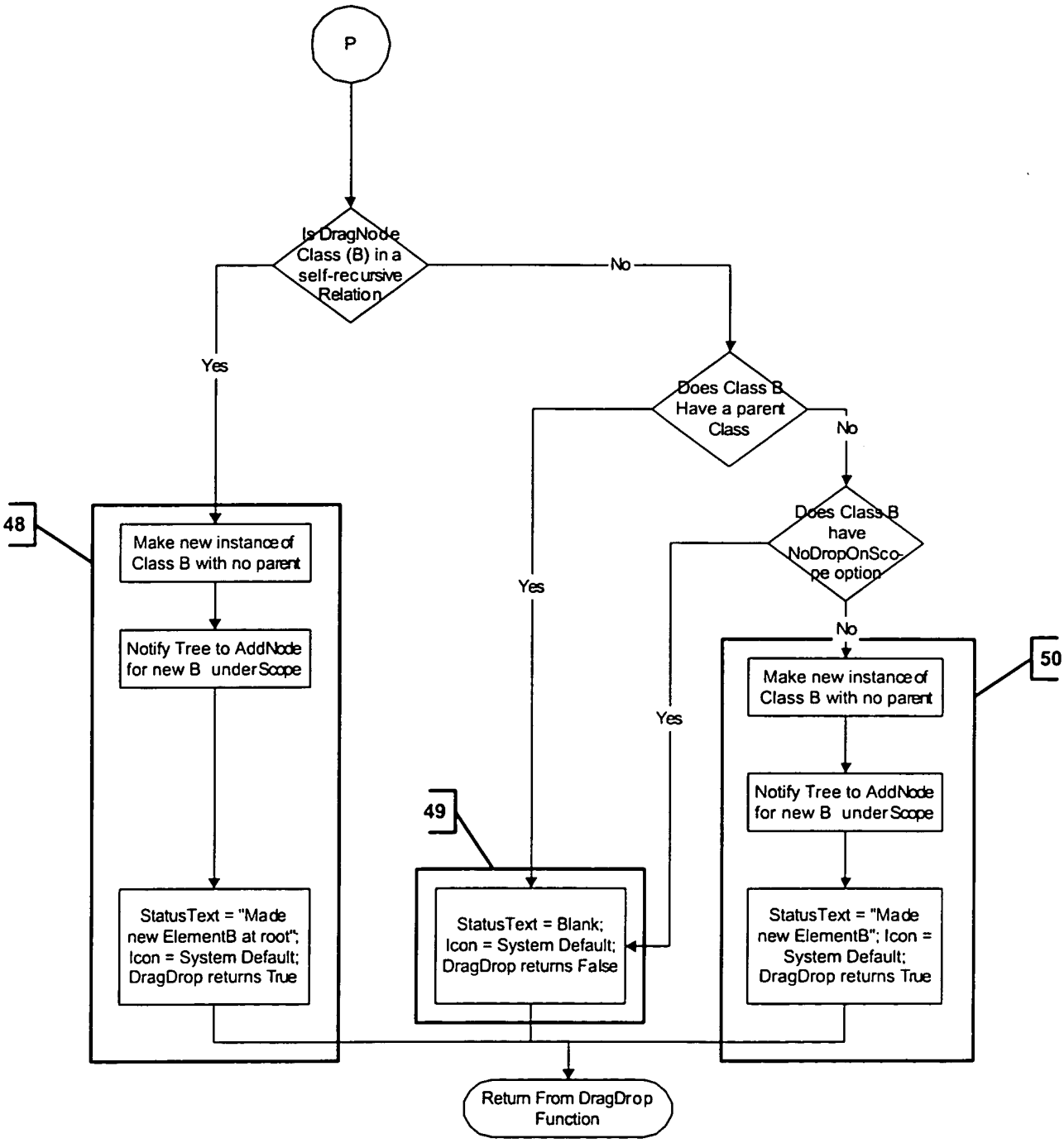

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

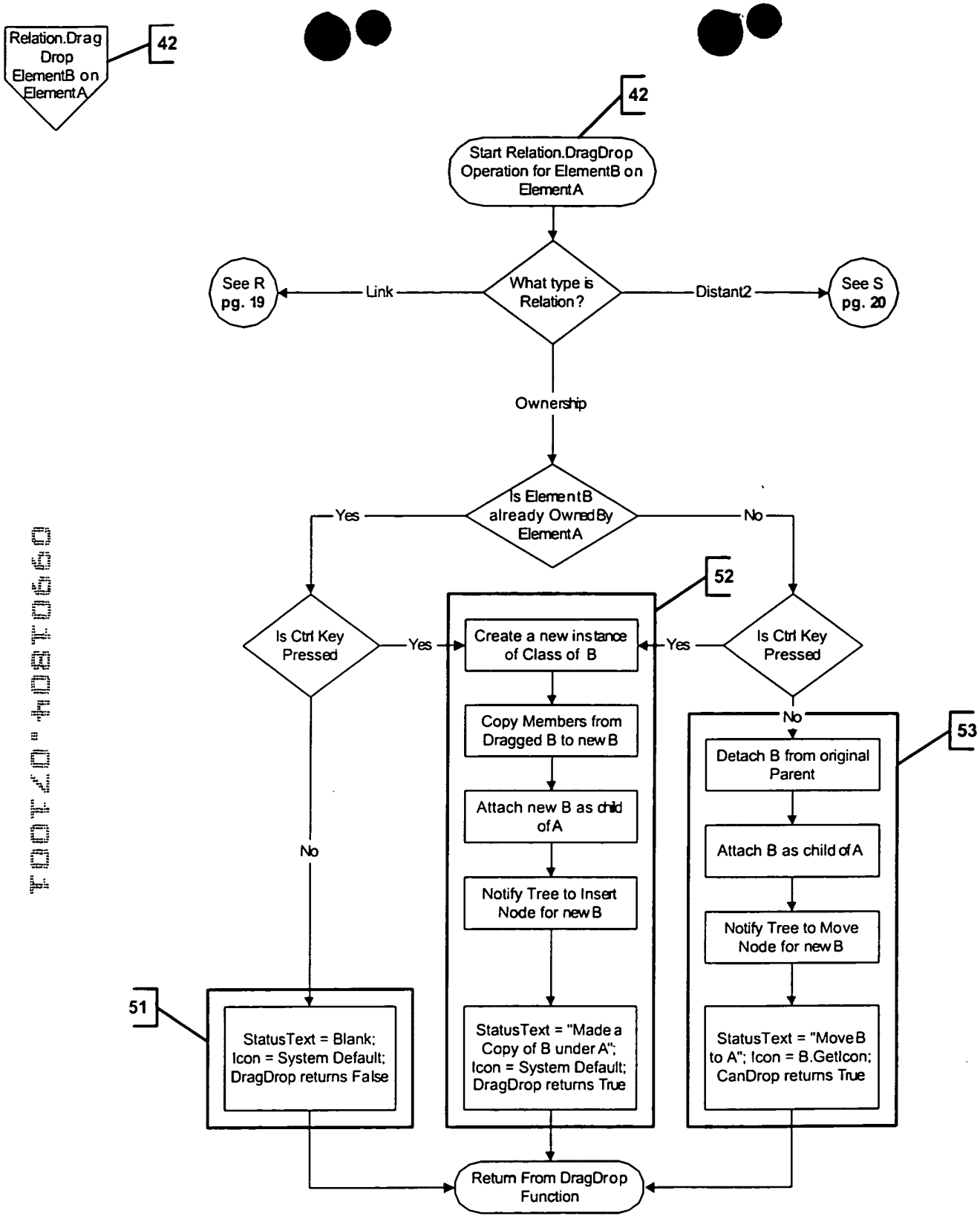

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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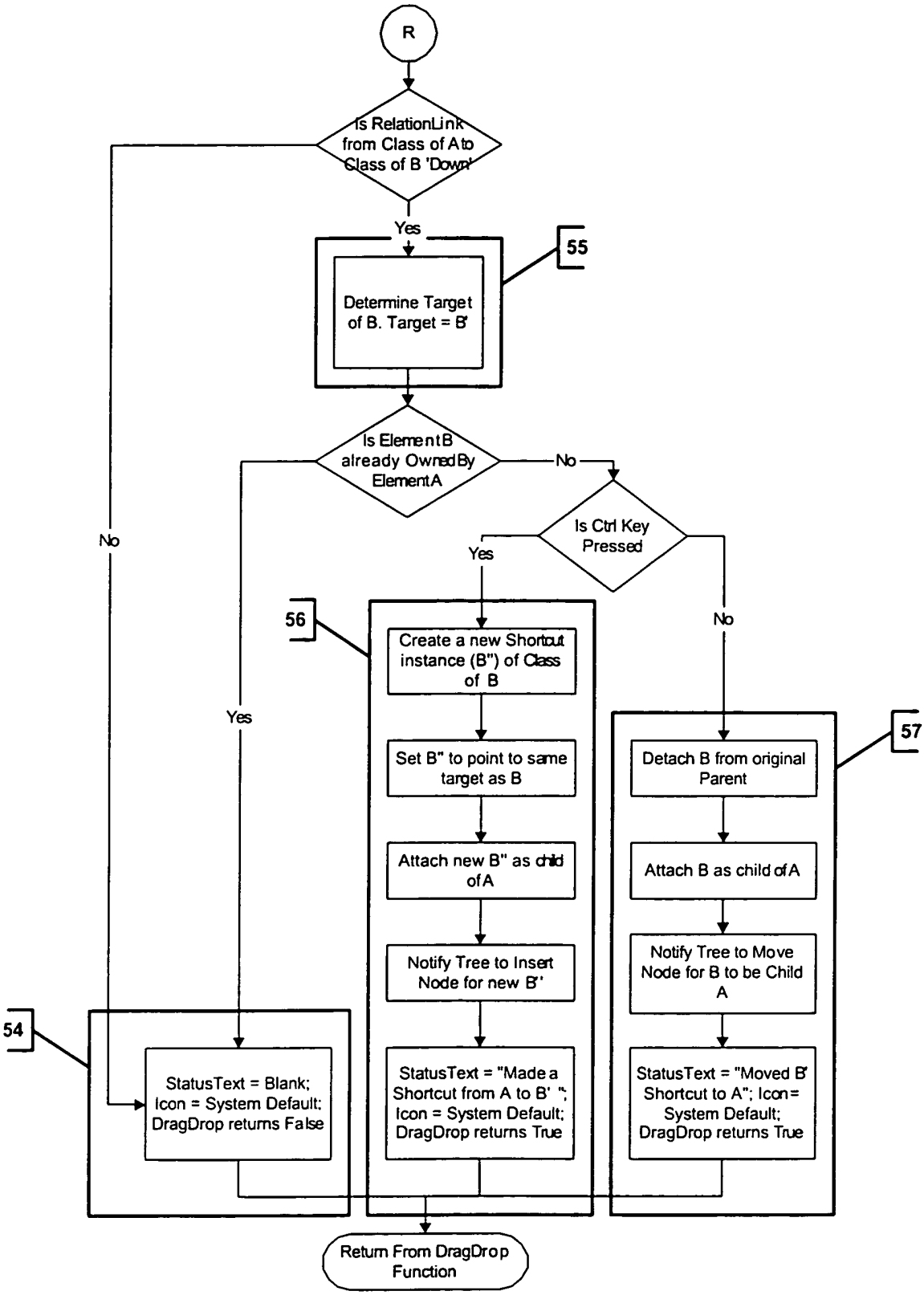

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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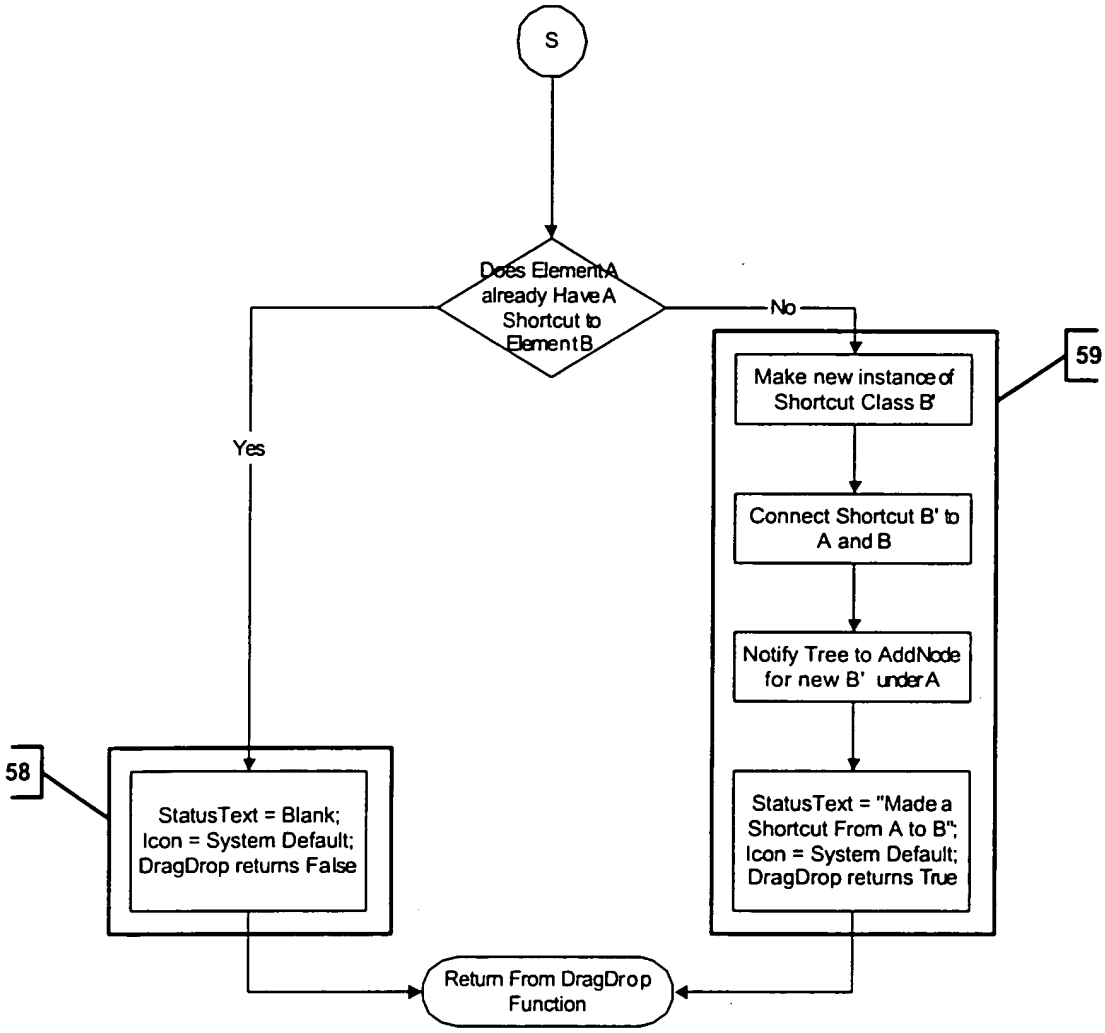

Figure 8A Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

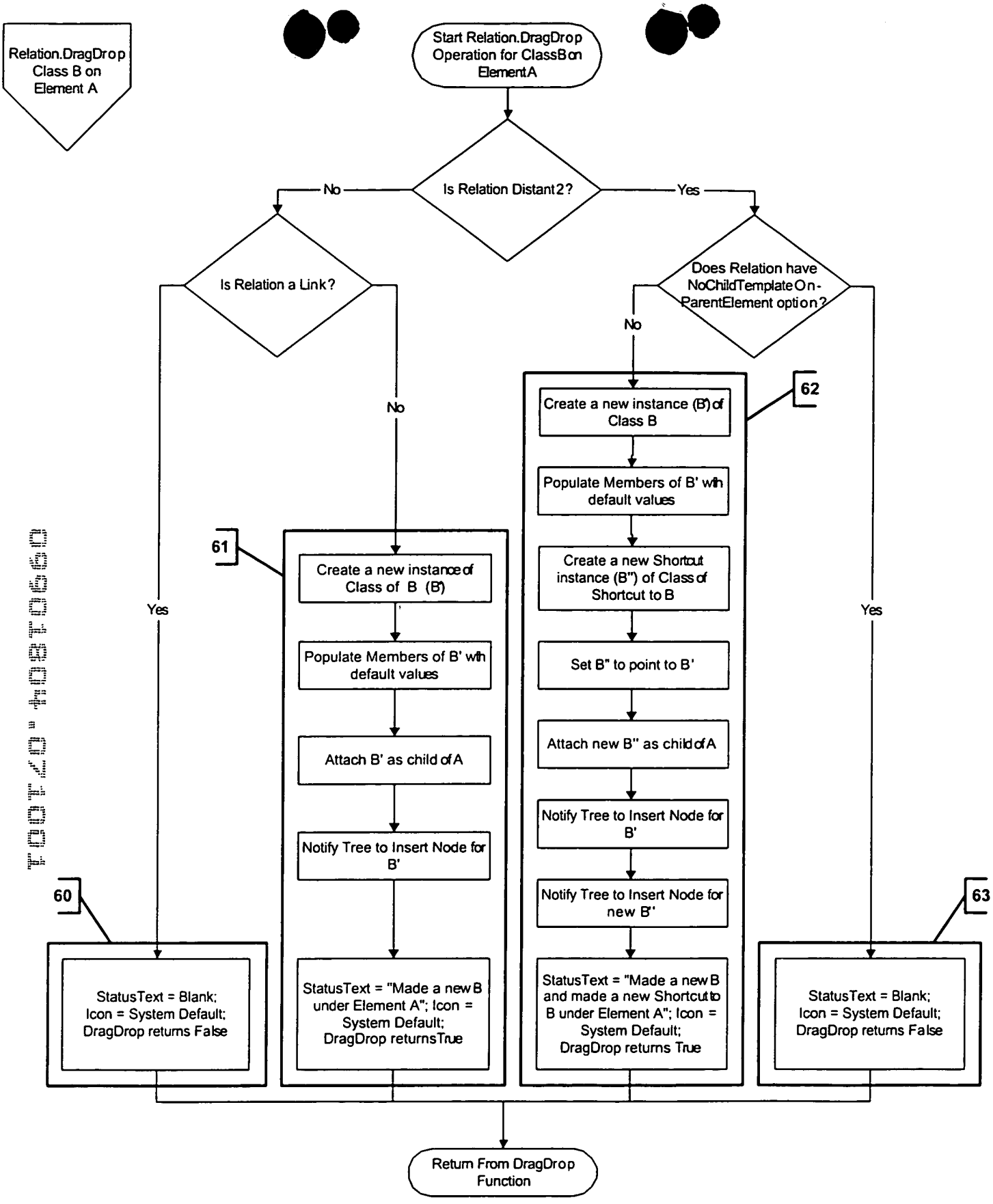

Figure 8U Flow Chart depicting CanDrag, CanDrop, and DragDrop edit operations

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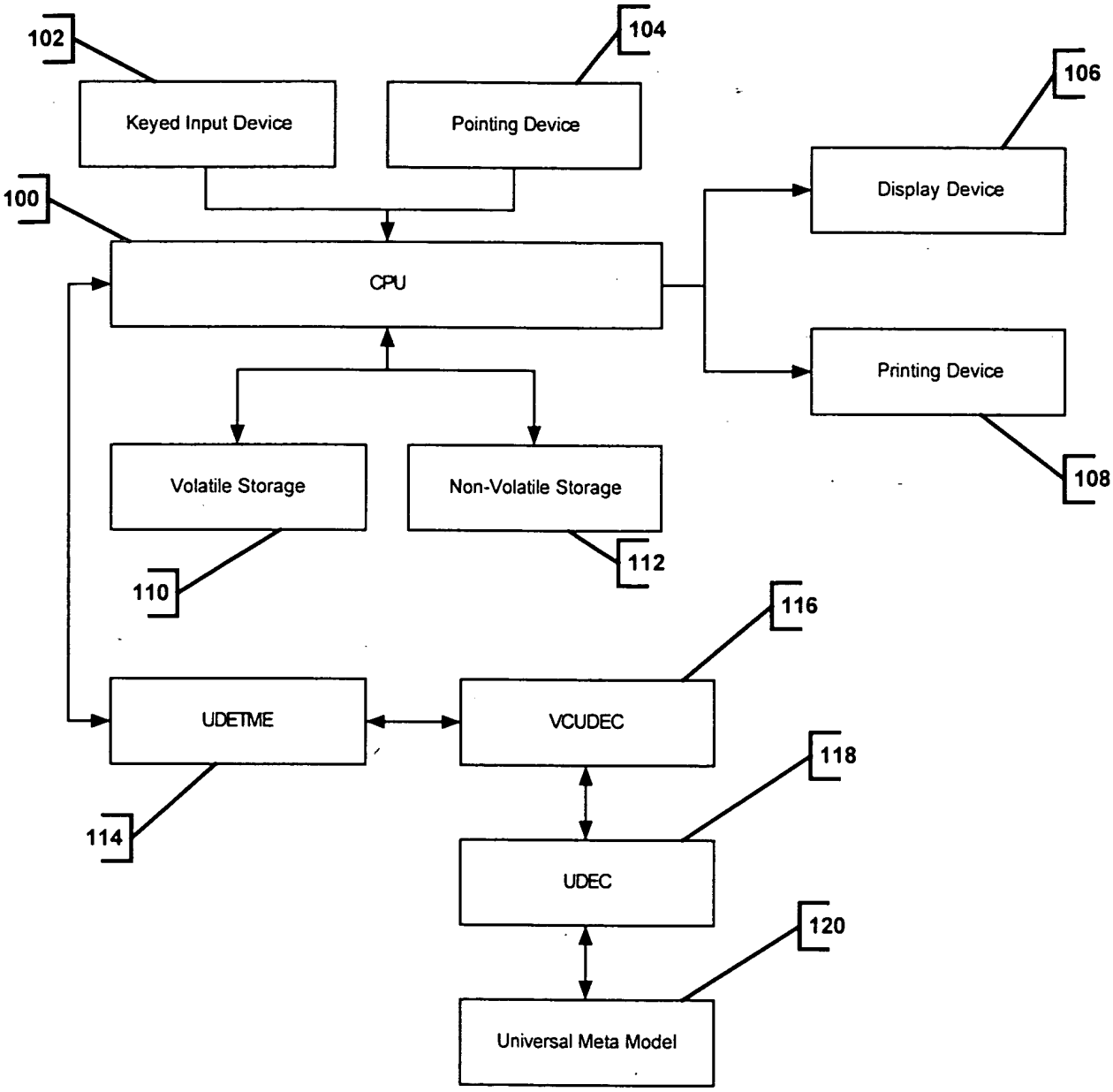

Figure 9: Computer System